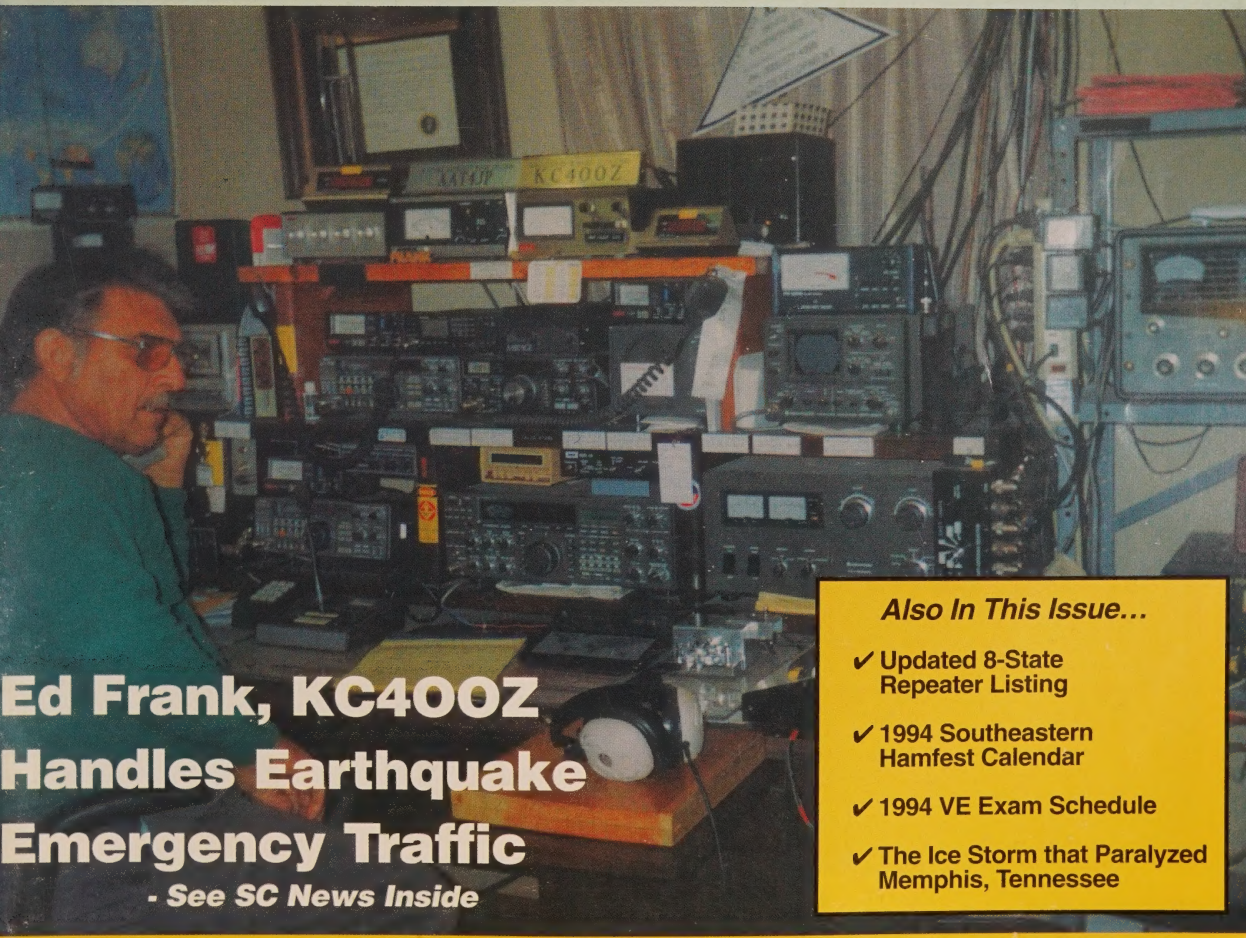
SERA
Repeater Journal
Coordinating The SouthEast
May, Jun. Jul. 1994
3 00

REPEATER LISTINGS - NC, SC, VA, TN KY, GA, MS

Now Ed Is Doing It!

He tells on Cindy, Jim, Rod, Gary, Paul, Bob, Barry, Curtis, Mark, Lynn, Gerry & others. Drills, Clubs, Shacks and Officers all get his attention.

As Ed Fegely Covers NC
In This Issue of The Journal!



Ed Frank, KC4OOZ Handles Earthquake Emergency Traffic

- See SC News Inside

Also In This Issue...

- ✔ Updated 8-State Repeater Listing
- ✔ 1994 Southeastern Hamfest Calendar
- ✔ 1994 VE Exam Schedule
- ✔ The Ice Storm that Paralyzed Memphis, Tennessee

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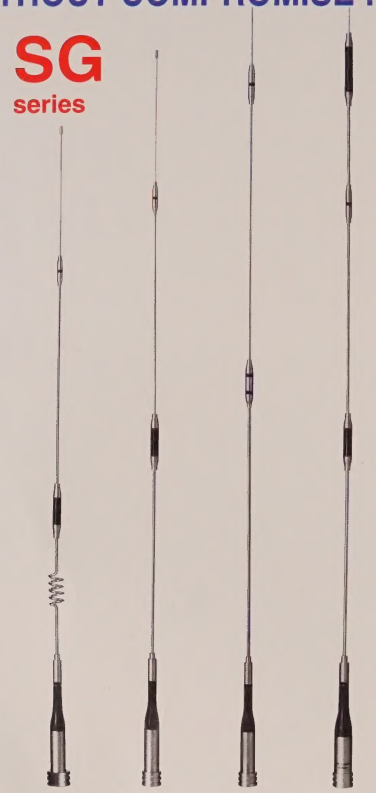
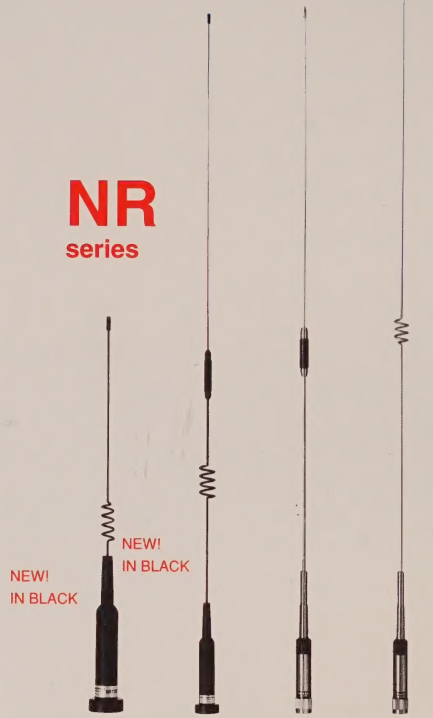


SG7200NMO SG7500 SG2000 SG7900

NR series



NR72BNMO NR73BNMO NR770R NR770H

CR series

CR214S CR320A

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
NR-72BNMO	2m/70cm	2.15	100	NMO	13.8	1/4 λ ,1/2 λ
NR-73BNMO	2m/70cm	2.15/5.3	100	NMO	33.5	1/2 λ ,2-5/8 λ
NR-770SA	2m/70cm	2.15/2.15	100	UHF	16.9	1/4 λ ,1/2 λ
NR-770HA	2m/70cm	3.0/5.5	200	UHF	40.2	1/2 λ ,2-5/8 λ
NR-770HNMO	2m/70cm	3.0/5.5	200	NMO	38.2	1/2 λ ,2-5/8 λ
NR-770RA	2m/70cm	3.0/5.5	200	UHF	38.6	1/2 λ ,2-5/8 λ
NR-790A	2m/70cm	4.5/7.2	120	UHF	57.5	6/8 λ ,3-5/8 λ
SG-7000	2m/70cm	2.15/3.8	100	UHF	18.5	1/4 λ ,6/8 λ
SG-7200NMO	2m/70cm	3.2/5.7	150	NMO	36.6	1/2 λ ,2-5/8 λ
SG-7500A	2m/70cm	3.5/6.0	150	UHF	40.6	1/2 λ ,2-5/8 λ

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
SG-7900	2m/70cm	5.0/7.6	150	UHF	62.2	7/8 λ ,3-5/8 λ
SG-2000	2m	5.2	150	UHF	62.6	7/8 λ
NR-140A	1-1/4m	3.8	100	UHF	36.2	5/8 λ
NR-124	23cm	8.4	100	N	25	4-5/8 λ
CR-214S	2m/1-1/4m	2.15/3.4	120	UHF	37	1/2 λ ,5/8 λ
CR-224A	2m/1-1/4m	5.0/6.0	150	UHF	68.5	7/8 λ ,2-5/8 λ
CR-320A	2m/1-1/4m/ 70cm	2.15/3.8/5.5	200/ 200/100	UHF	37.4	1/4 λ ,1/2 λ , 2-5/8 λ
NR-2000NA	2m/70cm/ 23cm	3.15/6.3/9.7	100	N	39	1/2 λ ,2-5/8 λ , 5-5/8 λ

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- Factory pre-tuned /no adjustment
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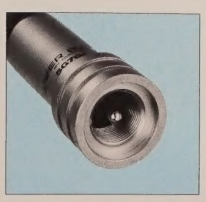

FOLD-OVER

PATENTED ONE-TOUCH FOLD-OVER FEATURE

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SERA

The Repeater Journal Covers the SouthEast

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

MAY, JUNE, JULY, 1994 - ISSUE II

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FOR LOCAL ASSISTANCE
Repeater owners and users are urged to contact their individuallocal state SERA Directors/Vice Directors or Assistants for assistance, information, coordination or other needs as required.

Page 1 - Editorially Speaking . . !

Recognition or the Lack of It . . .

We are often asked, "Why doesn't SERA Officially recognize our packet group." I don't really see any reason SERA should recognize any group, just as it doesn't make any difference whether ARRL recognizes SERA or not - no useful purpose comes from the recognition, other than perhaps a show of support. I would think that SERA will probably set up a formal recognition of Statewide packet groups when the time comes. Even then, recognition would only indicate support.

Often a Board member brings up the subject of Packet and coordination, and generally we have to go over the program once again. SERA is not in the Packet or digital coordination business. SERA is the keeper of the VHF/UHF Bands and we can only recommend the band segment where someone operate.

What is happening, the Packet organizations are working toward setting up coordination within their ranks. It has been slow to come, but it is coming and it is badly needed.

Why not SERA you ask? Why SERA we ask? We are volunteers, working on our jobs of voice and repeater coordination. The coordination of digital, packet, BBSs, etc., is another animal, which I seriously doubt a single person on the SERA Board could qualify to handle effectively. The Digital groups sooner or later must recognize that the chore of coordinating the digital setup is their responsibility - not the Digital operators, nor SERA, or Repeater Clubs, but the people who know digital best. They are going to have to get in there and organize and get this thing coordinated.

At the present, new digital operators plunk down just about anywhere they want to and begin operating. They will have to learn - it is the right thing to do, the gentlemanly thing to do - work only frequencies designated Digital, and the voice fellas, work only where it is designated voice.

We got a real shouting match going on in one area. Some digital people are hot with some FM simplex guys. They are both laying claim to the frequency and letters are flying, and tempers are flaring. I hate to tell them, but 145.75 isn't a frequency for FM voice OR digital. They both should move off and get where they belong if nothing can be worked out. 145.75 is designated weak signal & experimental.

What is happening? It's almost like the driver, and pedestrian thing. I fail to see where there is any reason for argument. Frequencies are designated, rules are in place. We can abide by the rules, and work designated frequencies for our operating mode, or we can just tell everyone where to go, and do our own thing. Then the whole Amateur structure would break down. Oh! You say you have a right to talk or operate wherever you please, no one is going to tell you what to do!

Well, excuse me, sir! You go right ahead and do whatever it is you want to do, wherever you want to - we certainly don't want to bruise "your rights". But, later on down the road - don't you dare come crying and moaning, because someone came and took your little frequency away from you. You just do like we have to do sometimes - "just grin and bear it".....

And then change channels - or cut the dang thing off!

Wayne C. Williams, K4MOB, Editor

SERA Repeater Journal

May, Jun, Jul, 1994 - Volume 23, No. 2
Organized in 1971 - "In Our 23rd Year!"

The Voice of SERA, Inc.
Presents Page 2

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About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the ***Repeater Journal.*** Associate Membership deadlines are the 15th of the month preceding months of publication -- Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Tobaccoville Post Office Box by these deadlines to receive the next upcoming ***Repeater Journal,*** published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published ***Repeater Journal,*** but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (***Repeater Journals*** mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership ***Repeater Journals*** are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications, nor are Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next ***Repeater Journal*** comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater respresentatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the ***Repeater Journal*** from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215.

About the SERA Repeater Journal

The SERA ***Repeater Journal*** is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the ***Repeater Journal.*** (See Important Note this page) provided proper credit is given. The ***Repeater Journal*** Editor will swap newsletters with other Repeater Councils, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, ONE month prior to publication. News deadlines are the first of the month prior to publication month. ***The Repeater Journal*** is entered as Third Class Mail at the Post Office in Greensboro, N.C. The ***Repeater Journal*** newstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the surrounding 8-state area. (See list elsewhere this issue). All news and Newsletter exchanges should be mailed to the Editor: Wayne C. Williams K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is one of the largest, most well known non-profit Repeater Coordinating Copuncils in the United States. SERA territory covers over 1,700 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 23rd anniversary in 1994 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of ***The Repeater Journal,*** and the guidance of our State (Director) Coordinators, officers and volunteers. Your support, comments and reccomendations are appreciated.

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SERA Board to Meet July 23-24 in Knoxville

The SERA Board of Directors will hold their annual Summer Board meeting on July 23rd and 24th at Knoxville, Tn.

Directors and Vice Directors and their Assistants from each of the SERA eight member States will be in attendance. Also present, along with the officers will be appointees and committee chairmen.

One item of interest will be the addressing of the ATV Bandplan. According to the minutes of the January meeting, the hams who are active and knowledgeable in ATV will be invited to attend and participate in working out a usable bandplan for this mode of operation.

Another carryover item from the January meeting includes possible approval of an expansion of the 440 bandplan. Interested parties had been offered copies of the proposed bandplan in the February issue of the Repeater Journal. The proposed plan by Steve Grantham, Mississippi Director, will be addressed at the meeting.

Several paragraphs of the SERA Coordination Policy will be reviewed in an attempt to clarify certain points.

Anyone with any requests to place items before the Board should send them to the Secretary of SERA by the middle of June.

IN 1974 WE ATTENDED
OUR FIRST 3 HAMFESTS
THIS YEAR
WE CELEBRATE OUR
20th Anniversary
IN ATTENDANCE
JOIN US TO CELEBRATE
THESE MOMENTUS
OCCASIONS AT THE
RALEIGH, NC
DURHAM, NC
SHELBY, NC
HAMFESTS

Williams Radio Sales

COLFAX, NC
IN OUR 20TH YEAR OF SERVICE!
Wayne, Gerry, Chris, Greg
Williams Radio Customer Service Makes a Difference - Try Us and See!

Vanity Callsign Argument Continues - Comments End

The FCC says they hope to be issueing vanity call signs by late Summer. Meanwhile, the deadline for comments to PR Docket No. 93-305 just passed at the end of April. Reply comments close on May 23rd.

As a rule, many commenters to the FCC were in favor with the Vanity Callsign, with many offering their own way of doing it. Most agree, not to phase in the entire program at once. Some say let the Extras go first, others say let the "Oldest" go first.

The Commission has suggested that the Vanity Call sign might cost $7.00 per year for its 10 term before renewal. Normal station/operator licenses new or renewal will have no fees attached.

Under the Vanity callsign program, any amateur would be able to request a specific callsign, and if available, get it as a vanity callsign. It is not known which blocks of calls may be held out, or not re-issued.

ARRL Open House

The annual ARRL Headquarters (Newington, Ct.) Open House will be Sunday, June 5th from 10 AM to 3 PM. W1AW will be open too.

SERA Full Membership Continues to Climb - Setting New Records

Full Membership (Repeater owners) continues to raise to new highs as 112 more repeaters voluntarily signed up since February. This brings to a total of 1,060 repeaters or 56% of all machines in SERA territory who have joined our organization, setting an all-time record, with 7 months remaining in the year.

North Carolina continues to lead all categories as 73% of the State's 341 repeaters have now joined. Georgia is second in total numbers with 198 members for 56%. Second in percentage is Virginia with 69% of the State's 229 repeaters now members.

Tennessee places third in the total membership category with 180 members of the state's 392 repeaters.\Two other states passed the 50% mark with West Virginia coming in at 53% of 126 total, and South Carolina at 52% of 126 total.

Kentucky has 43% of their 193 repeaters and Mississippi is showing their best ever totals with 41% of their 145 repeaters.

Five SERA States have set new all-time records of individual total membership, surpassing any previous year in the history of the organization. They are Georgia, Kentucky, Mississippi, North Carolina and Virginia.

The records will continue to all as more repeater owners join in the coming months. The great thing about this situation, SERA Full Membership is not mandatory, nor is it required for our services. These repeater owners who have joined, do so solely to show their support to our organization.

The Full Membership form in this issue of the Repeater Journal is located on page 45. Membership fee for the remainder of 1994 is $15.00. All Full Memberships expire on Dec. 31.

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Saturday June 11

Winston-Salem HAMFEST

Computer & Electronics Fair

If you thought '93 was something wait 'till you see what's in store for '94!

Expanded Tailgating area:

Acres and acres in a clean, park-like setting.

Some covered areas available.

Easy access.

Free Parking: Acres of it!

Location: Dixie Classic Fairgrounds

(In the NEW Education Building next door to last year's location.)

It's even **Bigger & Better** in '94!

Indoor AIR-CONDITIONED dealer and fleamarket area.

FOOD! Plenty of breakfast and lunch food available!

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Send completed 610 (with $5.75 payable to TEARC/VEC) to:
Bob Gates, KJ4IC
5041 Hutchins St.
Winston-Salem, NC 27106
910 924 6390

RV hookups available.

Pre-registration form:

Name _____ Call _____

Street _____ Phone _____

City _____ State _____ Zip _____

_____ Pre-registration tickets @ $6.00 each $ _____

_____ Indoor Fleamarket tables @ $10.00 each $ _____

_____ Outside Tailgating @ $3.00 per vehicle $ _____

_____ Covered outside space @ $10.00 (see below) $ _____

_____ RV Parking or Hookup @ $10.00 per night $ _____

TOTAL ENCLOSED $ _____

Make checks payable to:

Forsyth Amateur Radio Club, Inc.

Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after May 25 will be held at the gate.

Covered outdoor spaces in the tailgating area are designed as food service areas and include a built-in large concrete table approximately 18 inches by 8 feet. (Fairground regulations do not permit the sale of food or beverages by unapproved vendors!) There is not room for a vehicle near the space and there may be limited access behind the spaces. The maximum number of adjoining spaces is four. There are a limited number of these spaces and they will be sold on a first-come, first-served basis.

For Dealer Information contact:
Don Edwards, WB4KQN
Hamfest Chairman
(910) 723 7388

Southeastern Amateur Radio Convention

ATLANTA / JULY 23-24, 1994

Register now for the Southeast's best hamfest!

NEW LOCATION: Now at the Cobb Galleria Centre, in Marietta near Cumberland Mall. More space, more parking — and now within walking distance of shopping, food and entertainment for the rest of the family as well!

HAM GEAR, HAM GEAR, HAM GEAR: Look for reps from the major ham-gear manufacturers. And don't forget the flea market — it's one of the biggest in the nation!

FORUMS: See presentations on ham satellites, AMSAT, packet, DX, antennas, contesting, and much, much more!

ON-SITE LICENSE EXAMS: Tests will be administered both days, beginning promptly at 9 a.m. Be there no later than 8:45 to complete the necessary paperwork. Bring the original and a photocopy of your present license, plus any original credit certification, if applicable, and ID. FCC forms will be provided. No appointment needed!

INDIVIDUAL REGISTRATION: Registration is $6 in advance or $8 at the door. This admits you to the exhibit hall, flea market, forums and related activities. Registration *is not required* for FCC examinations.

FLEA MARKET / TAILGATE REGISTRATION: Flea market is indoors. Table spaces with 8-foot fronts cost $25 for the entire weekend. Price includes table. Set-up times: Friday, 8 a.m. to 6 p.m.; Saturday, 6 a.m.; and Sunday, 7 a.m. All persons entering flea market area must have a convention admission ticket. Table and space prices *do not* include admission fee.

INFO NUMBER: For more information, call (404) 717-5893.

Southeastern Amateur Radio Convention Registration

Name/Call Sign:_____ Phone: _____

Address: _____ City/State/Zip: _____

Advance registration for individuals _____ @ $6 $ ____ enclosed for registration
Registration for flea market table(s) _____ @ $25 $ ____ enclosed for tables
$ ____ TOTAL ENCLOSED

Electricity for flea-market tables available at extra cost. For information, call (404) 717-5893.

Clip form and mail with check to: **Atlanta Radio Club, P.O. Box 80947, Atlanta, GA 30366**

Registrations must be received by ***June 30*** to qualify for advance rate. Flea-market tables are available first come, first served. Flea market registration does not include a convention ticket.

February Ice Storm Paralyzes Memphis

An eerie beauty glistens from trees around the city of Memphis, TN in February when a bad ice storm paralyzed the city. Ice laden branches are a thing of beauty until the ice gets too heavy then snapping branches and limbs can ruin homes, or anything else in their way.

Hams responded with emergency nets, and reports through the city and county for the local Emergency Management Agency. Three area repeaters were kept busy, and over 70 area hams roamed and called in storm damage reports. *-Photos by Johnny Wofford, WA4ETE*

WIREBOOK II

The **How-to** and source manual written by **"The Wireman"**, Press Jones, N8UG for Cable, Connectors, Coax, Wire and Baluns.

If you're into Coax, antennas, ladderline & Baluns - *WIREBOOK II* IS MUST READING

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WIREMAN
57 Echo Lake Dr., Dept J
Fairview, NC 28730

-Compiled by Terry Cox, KB4KA

The Memphis area of Western Tennessee started out cloudy and cold, then the rain, which began freezing immediately on all surfaces came. It continued throughout the morning and evening Thursday. Freezing rain can become your "worst nightmare" for trees, power lines as ice continues to build up until the weight causes them to snap. The streets become impassable, and everything comes to a standstill.

Early on Friday morning, February 11, we got the call from the Memphis/Shelby County Emergency Management Agency to supply RACES operators and assist in communications. Our work would go on throughout the weekend.

An Overview

The EMA called us to help receive reports of blocked streets, utility problems and other hazards. Net controls started at about 7:30 AM and ran until 5:00 Friday, with reports received from Amateur radio operators in the field concerning wires down, trees blocking streets, homes or buildings collapsed, no power for oxygen machines at some elderly residents, etc.

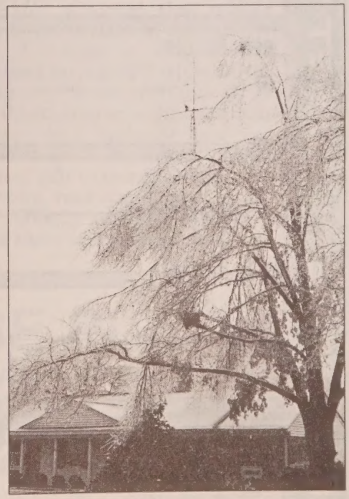
The Amateur community was also asked to standby to support the opening of a shelter in the late afternoon hours.

Net control operators during this time were: Jim Moffatt, WD4SMW, Coleen Johnson, KE4GUZ, Terry Cox, KB4KA, Ned Savage, KA4BLL, Mike Dobson, WA0WQI, Ken Schildt, N4VSD and Jim Houston, KA4HOG.

The net began on the 146.94 repeater but moved to the 146.88 repeater when the '94 machine hic-cupped. (The owners got it back up quickly, but the net was established on '88, so it remained there Friday). Over 50 pieces of traffic that generated a message to EMA were handled over the net.

On Saturday morning, the net was started again when we were asked to support EMA in a county-wide damage assessment effort. It ended about 3:00 PM. Net controls during

Continued on Page 9



Leaning and groaning, a large tree over a Memphis hams house poses a danger it big limbs snap. The February storm in the Memphis area did considerable damage to the City and surrounding counties. *-photo by Johnny Wofford, WA4ETE.*

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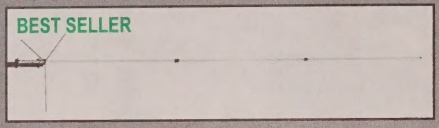
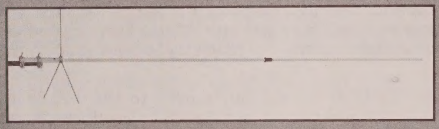
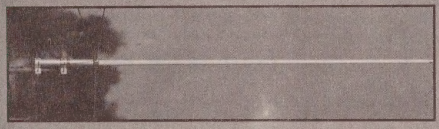
BEST SELLER



CA-2x4MAX
Gain & Wave:
146 MHz 8.5dB 5/8 wave x 3
446 MHz 11.9dB 5/8 wave x 8
Max Power: 200 watts
Length: 17' 8"
Connector: SO-239

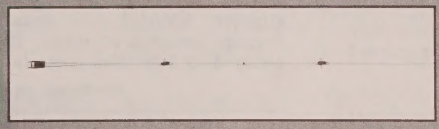


CA-2x4WX
Dual-Band 146/446MHz
Gain & Wave:
146MHz 6.5dB 5/8 wave x 2
446MHz 9.0dB 5/8 wave x 5
Max Power: 200 watts
Length: 10' 2"
Connector: SO-239



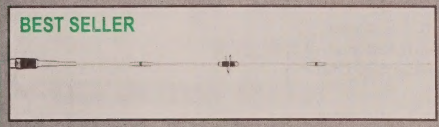
CA-2x4FX
Dual-Band 146/446MHz
Gain:
146MHz 4.5dB
446MHz 7.2dB
Max Power: 200 watts
Length: 5' 11"
Connector: SO-239

COMET™ DUAL-BAND MOBILE

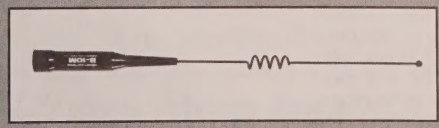


CA-2x4MB
Dual-Band 146/446MHz
Gain & Wave:
146MHz 4.5dB 7/8 wave
446MHz 7.0dB 5/8 wave x 3
Max Power: 150 watts
Length: 4' 10"
Connector: PL-259

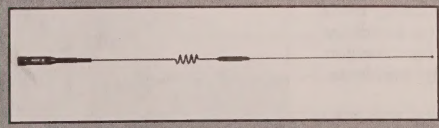
BEST SELLER



CA-2x4SR
Dual-Band 146/446MHz
Gain & Wave:
146MHz 3.8dB 5/8 wave
446MHz 6.2dB 5/8 wave x 2
Max Power: 150 watts
Length: 3' 4"
Connector: PL-259

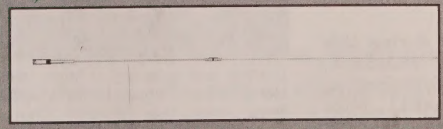


B-10/B-10NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz --dB 1/4 wave
446MHz 2.15dB 1/2 wave
Max Power: 50 watts
Length: 12"
Connector: PL-259 or NMO Style



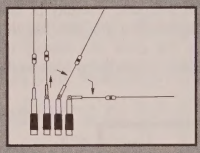
B-20/B-20NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz 2.15dB 1/2 wave
446MHz 5.0dB 5/8 wave x 2
Max Power: 50 watts
Length: 30"
Connector: PL-259 or NMO Style

COMET™ SINGLE-BAND MOBILE

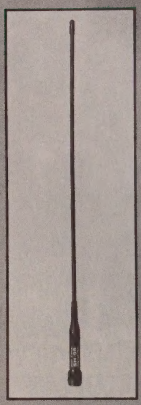


CHL-185
2 Meter Mobile Antenna
Gain & Wave:
4.1db 5/8 wave
Max Power: 200 watts
Length: 4' 8"
Connector: PL-259

CH-32
Miracle Baby 146/446MHz HT
Gain & Wave: 0dB
Max Power: 10 watts
Length: 1.75"
Connector: BNC



Fold-Over Base
Comet mobile antennas of length have this feature.



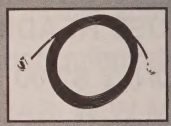
SH-55
2M/440MHz
SUPER Flexible
HT Antenna
Gain & Wave:
146MHz 1.5dBi 1/4 wave
446MHz 3.2dBi 5/8 wave
Max Power: 10 watts
Length: 15"
Connector: BNC

COMET™ MOBILE MOUNTING SYSTEMS

RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.

RS-820
Heavy duty, low-profile trunk-lip mount. Rubber coated base protects vehicle paint, ratchet style dial lock.

CK-5M Deluxe Cable Assembly
13 feet double shielded very low loss coax. + 12" RG-188 teflon coax. Gold-plated UHF (PL-259/SO-239) connectors. Allows easy entry from a lip-mount w/o causing coax or weather strip damage.



3D4M Standard Cable Assembly
13.5 feet of low loss coax. Gold plated UHF (PL-259/SO-2329) connectors.

COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

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Limbs and branches are strewn across a yard in Memphis after the ice storm of February. Area hams had a busy weekend, holding emergency nets for the local Emergency Management Agencies of Memphis and surrounding counties. *-photo by Johnny Wofford, WA4ETE.*

Memphis Ice Storm

Continued from Page 7

this period were: Ken Schildt, N4VSD, Charlie Richardson, KD4YGN and Suresh Kagoo, N9GSA.

The categories of damage reports requested were: (1) **Light** - shingles and/or gutters damaged; (2) **Moderate** - rafters exposed, windows broken; (3) **Severe**- walls and/or roofs collapsed.

Net control operators took check-ins on the 146.88 repeater, but it developed problems, and the Delta ARCs president gave permission to move to the 146.82 machine. Information was passed on two additional repeaters, while being coordinated by net control on on the primary repeater. Some information was received and then transmitted to the local EMA office via packet. Approximately 50% of the county was covered in the six-hour Saturday operation.

On Sunday, the adjoining county of Fayette asked for assistance in manning communications at their emergency shelter. Although activity was low, the Amateur operator there had been supporting the efforts since Friday, and needed a break! One Amateur from Shelby County, Bill Covington, KC4SXT and one from West Memphis, AR, Alton Banton, KB5SQP answered the call, and manned the site from about 10:00 AM until about 5:00 PM.

We are extremely lucky to have an abundance of good repeaters available in our operation area! The three primary repeaters used, 146.94, 146.88 and 146.82, are all equipped with emergency power back-up consisting of battery and generator power. This feature was really tested during the ice storm, as commercial power was off at each site for varying time durations.

It is appropriate at this time to say a big *"Thank You"* to those who provide and maintain these repeaters year after year! The communications task would surely be much more difficult, were they not available.

The Second Shift

-Terry, KB4KA and Coleen, KE4GUZ

Friday morning here in Memphis dawned cold and cloudy! I had planned to arise around 2 to 3 AM and see if I could catch 3YOPI on 40 and/or 80 meters, but when I rolled over to look at the digital clock, there were no little lights blinking back at me. Turns out we had lost commercial power sometime around 2:00 AM.

When I did roll out of the sack at 6:30, the worst thing about no power in the house hit me! No first "cuppa joe"! I figured I'd check the little "handy sack" type store around the corner to see if they had power (and therefore hot coffee).

After stepping out onto the carport I was able to more closely listen to the pistol shot sounds that were my maple tree limbs breaking under the load of the ice. I got the Pathfinder windshield cleared of ice, found the store open, bought a couple of cups of coffee (one for the wife - - who said hams were inconsiderate?) and headed back home, all the time searching for any kind of emergency net on the local repeaters.

I finally found Jim Moffatt, WD4SMW working out of the EMA office in city hall downtown Memphis on the WA4ATE (146.88) repeater. Jim was as busy as the proverbial one armed paper hanger. He was operating as Net Control with no one else at EMA to assist him in getting info collected over the repeater distributed at EMA, or to collect info from the EMA personnel that needed to be relayed to those in the field.

I checked in with Jim and monitored on my H/T while in the house. In my short trip outside earlier, I didn't observe anything worth reporting, so I basically kept my mouth shut. There were plenty of others who had info to report such as power lines down, road conditions, etc.

Finally around 8:15 AM, Jim asked if there were any volunteers to relieve

Continued on Page 14

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In addition to a large stock of straight tower sections, we also have flat and sleeved top sections, thrust bearings, house brackets, short base sections, rotor plates, guy assemblies, guy wire, cable clamps, turnbuckles - you will need for a complete tower installation. Call us for more information!

Scotchkote Electrical Coating

Scotchkote Electrical Coating made by 3-M Co. can be used for underwater connections also. A 15-oz. can will do 50 to 100 connections.

15-Oz Can $12.00

ROPE

West Antenna has a huge inventory of all types of synthetic rope in all sizes to fit your every need. Large or small, your rope requirements can be met by us.

CHECK THESE ROPE SPECIALS:

Black Twisted Polyprophelene

Good for dipoles or overhead supports on beams at a very low cost. Lasts two or three times longer in the sun than regular poly rope.

1/4-inch ..... 4 cents/foot
600 foot spool.....$20.00
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West Antenna Corp. is pleased to now have in stock new nonconductive solid Fiberglass masts in 1-1/4, 1-1/2 and 2-inch diameters. Lengths up to 15-feet are available. **Call!!**

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PL-259 Connectors (U.S. Made)
Each..... 0.65
10 or more..... 0.60
UG-175 or 176 Adapters 0.30
10 or more..... 0.25

Hard Line and Connectors

West Antenna can supply 1/2, 7/8, 1-1/4, and 1-5/8 - inch Hard Line in corrugated copper, also available is 1/4-inch corrugated copper superflex. We also have a limited stock of Hard Line connectors. If we do not have specific connectors you need in stock, they can be supplied within approximately 10 days.

CADWELD

The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corp. can also supply and install ground systems for commercial tower sites.

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Aluminum Mast Pipes, feature 2-inch OD, 6061 tubing - 1/4-inch wall.
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24-foot lengths, 38 lbs. - In Stock

Cold Galvanizing - excellent for touching up rust spots on your tower and antenna bolts.

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Insulators.....$2.50
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Stainless steel strapping kits, for strapping hardline or multiple runs of Coax. Kits come with 25, 50, or 100 feet of stainless steel strapping and buckles.. **Call!**

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WIRE - Single Cond. - Stranded
Red or Black vinyl insulation
#10 wire..... 0.30 per ft.
#14 wire..... 0.14 per ft.

FUSE BLOCKS - Our fuse blocks are rugged, holding fuses much larger than the little 3AG glass type. This prevents overheating and voltage loss with high currents. Set screws in end of fuse blocks will accept wire up to #6.

30 AMP Fuse Block.....$4.95
60 AMP Fuse Block.....$7.50

FUSES - Many Sizes available!
5,6,7,8,10,20,30 Amp .....0.80 ea
35,40,45,50,60 Amp Also available upon request. Give us a Call!

NOW AVAILABLE! **DC Breakers** for Mobile Installation. Call For Details!

RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting.

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ACCESSORIES FOR THE DJ-180T, DJ-580T, DJ-F1T ALINCO H/Ts

PART #	DESCRIPTION OF ITEM	LIST	SALE
EBC-3	Belt Clip (Fits All Models)	$6.95	$4.95
EBP-16N	7.2V 700 Mah Nicad Battery Pak (F1T/S1T)	$49.95	$45.95
EBP-18N (WW)	12V 600 Mah Nicad Battery Pak (F1T/S1T)	$59.95	$49.95
EBP-20N	7.2V 700 Mah Nicad Battery Pak (DJ-180T/580T)	$49.95	$45.95
EBP-20NX (WW)	7.2V 1,500 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EBP-22N (WW)	12V 800 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EBP-30N	7.2V 700 Mah Nicad Battery Pak (DJ-G1T)	$65.95	$59.95
EBP-31N	7.2V 1,200 Mah Nicad Battery Pak (DJ-G1T)	$79.95	$72.95
EBP-32N	12V 700 Mah Nicad Battery Pak (DJ-G1T)	$95.95	$85.95
EDC-24	AC Wall Chgr./Stand for EBP-14,16,18,20,22,20NX	$29.95	$25.95
EDC-34	Base/Mob. Quick Charger EBP-14,16,18,20,22,24NX	$99.95	$89.95
EDC-36	Filtered Mobile Cig. Power Cable (All Models) (DJ-180T rqr EDH-12)	$24.95	$21.95
EDC-37	Cable for DC Power Supply (All Models) (DJ-180T rqr EDH-12)	$12.95	$10.95
EDC-43	Mobile Cig. Power Cable (No Filter) (All Models) (DJ-180T rqr EDH-12)	$14.95	$12.95
EDC-52	Base/Mob. Quick Charger EBP-30N, 31N, 32N	$116.00	$109.95
EDH-5	Alkaline "AA" Dry Cell Battery Case (F1T/S1T)	$24.95	$19.95
EDH-11	Alkaline "AA" Dry Cell Battery Case (DJ-180T/580T)	$26.95	$21.95
EDH-12	DC Jack Adapter (for DC to DC Oper) for DJ-180T	$19.95	$16.95
EDH-14	Alkaline ""AA" Dry Cell Battery Case (DJ-G1T)	$25.95	$22.95
ESC-15	Soft Vinyl Case for DJ-F1T/S1T (Std EBP-16N & EBP-18N batt)	$24.95	$21.95
ESC-17	Soft Vinyl Case for DJ-580T (Fits with std EBP-20N batt only)	$27.95	$22.95
ESC-18	Soft Vinyl Case for DJ-180T (Fits with std EBP-20N batt only)	$29.95	$25.95
ESC-19	Soft Vinyl Case for DJ-180T (For std & long 12V batt & 1,500 mah batt)	$29.95	$25.95
ESC-23	Soft Vinyl Case for DJ-G1T (Fits with std EBP-30N Batt only)	$28.95	$23.95
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EME-10K	Headset/Boom Mike - Earphone, w/PTT & VOX (Current Models)	$69.95	$65.95
EME-11	Earphone/Microphone with PTT/VOX (Current Models)	$52.95	$49.95
EMS-2Z	Speaker Microphone w/split cables (All Models incl DJ-160,162,560T)	$49.95	$43.95
EMS-8Z	Remote Control Speaker Microphone, (Fits: DJ-F1T, G1T,180T,580T)	$53.95	$46.95
EMS-9	Speaker Microphone w/Lapel clip, (Fits: DJ-F1T, G1T,180T,580T)	$49.95	$43.95
EJ-12U	Sub-Tone Squelch Bd. (Decode) (F1T & S1T Only)	$55.95	$49.95
EJ-14U	50 Chan. Memory Unit for DJ-180T	$26.95	$23.95
EJ-15U	200 Chan. Memory Unit for DJ-180T	$38.95	$34.95
EJ-16U	Sub-Tone Squelch Bd. (Decode) (DJ-G1T)	$62.95	$59.95

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EMS-3	Microphone for DR-590/599/600 (Exact Repl)	$75.95	$69.95
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ALINCO - EBP-10NA DJ-160,162,560T (7.2V 700 Mah)	$49.95	$39.95
ALINCO - EBP-12NA DJ-160,162,560T (12v 700 Mah) (13v chgr rqr)	$62.95	$49.95
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ICOM - BP-84 - Fits Small ICOMs - 2SAT,24AT, (7.2V 1,100 Mah)	$49.95	$45.95
ICOM - BP-85B - Fits Small ICOMs - 2SAT, 24AT etc. (12V 600 Mah)	$82.95	$74.95
KENWOOD - PB-6 - Fits TH-77, TH-78 (7.2V 750 Mah)	$49.95	$45.95
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SANTEC - HT-1200, ST-144, ST-142 (9.6V 600 Mah w/plug)	$34.95	$29.95
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May Means Tornados - Thunderstorms - Wind - Hail And Lightning

Let's face it, the month of May is a bad weather month here in the Southeast. In the coming weeks, there will be Severe Storm Watches and Warnings, Tornado Watches, and even Warnings, and other things that kind of keep you uneasy each evening as you come home from work.

As a ham operator, you should be prepared to offer your services in case of really bad weather. Know who heads up the Emergency Preparedness Group, or RACES group in your area. Be sure they have your phone number and know you are willing to assist.

What you need to do, is get yourself prepared. Most ARES groups have check off sheets of what you should have in case of an emergency requiring your services.

We can only tell you to have your radio batteries charged, a flashlight handy, any other stuff such as power supplies, cables, portable antennas might be useful.

Join in on the ARES nets held on repeaters in your area. They are always looking for volunteers.

Sometimes the weather is kind to us, and no emergencies happen. Other times, mother nature slams us pretty hard, and Amateur communications is the lifeblood of some communities. You owe it to yourself and your community to volunteer your services when a weather emergency occurs.

It's a good feeling to know you helped somebody out there by volunteering a little of your time when someone needed you.

So if a storm comes - turn on the radio, if they need you, call in, and get going!

NEWCOMER? WELCOME!!

If you are reading the Repeater Journal for the 1st time, we invite you to join us again and again in the future. Please turn to page 51 - fill out the application form and mail it with your check to SERA membership. You save over 30% off the cover price of the Repeater Journal, and you also become an Associate Member of the nations "Premier Coordinating Organization." Your support will assure the important job of SERA coordination is continued and carried on in such a way that your operating conditions on UHF and VHF remain free and clean.

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Using The Radio Shack Voice Record/Playback IC

Build A Repeater Voice Identifier

-by William S. Owen, WB4PZA

The recent introduction of the Radio Shack ISD1000A Voice Record/Playback IC (Cat. No. 276-1325) gives repeater owners a simple method of using a human voice for identification and location of their repeaters. This 28-pin chip holds up to 20 seconds of 2.7 khz audio in non-volatile memory and runs off of a single five-volt supply.

The circuit shown includes an audio clip indicator to show proper input level when recording and a latch circuit to keep the transmitter keyed when the IC is in the play mode.

Circuit Description

Record audio is brought in through J1, attenuated by R19 and R20, and coupled to the microphone input of the IC by T1. I use a master cassette of various ID's and seasonal announcements and use the headphone jack of a portable cassette player to transfer them to the IC. If you want to record directly from a microphone R19 and R20 should be eliminated.

Record audio is also coupled through C8 to U2b where it is compared to a reference voltage from R11 (CLIP CALibrate). When audio peaks exceed the reference voltage, the output of U2b goes low discharging C9 through R12 and D5. With C9 discharged the output of U2a goes high lighting the CLIP led. Audio peaks below the reference voltage will allow C9 to charge through R13 causing the CLIP led to go out.

Playback audio is coupled through R21 (OUTPUT LEVEL), C11 and R22 to the repeater.

A ground pulse applied to the cathode of D1 (START) is coupled through C3 to U1-23 to start playback. This signal is also applied to U3c and U3d which are wired to form a bistable latch. The start pulse on U3-13 will "set" the latch causing U3-8 to go low and provide a PTT HOLD signal through D3 to the repeater.

When the ID is finished, the IC outputs a 16 millisecond EOM (End of Message) pulse on U1-25. This signal goes through U3a and U3b to U3-9 to "reset" the latch and remove the PTT HOLD signal. The EOM is visually indicated by D2 and is available through D4 to the repeater if necessary.

The EOM is also coupled through S2 and R6 to the base of Q1. The values of R6 and C4 are chosen so that the 16 ms EOM pulse will not fire Q1. This circuit allows multiple IDs to be recorded. When the 20 second capacity of the IC is reached, the IC latches the EOM low and playback is suspended until U1-24 is pulsed high (RESET). C4 is discharged through R6 causing Q1 to conduct which resets the IC to the first message.

Operation

Recording

Set S2 to the RECORD position and hold S1 closed while feeding audio to the IC. When the ID is finished release S1. The IC automatically "records the EOM signal when S1 is released. Additional IDs or messages can be recorded in this manner until the 20 second capacity is reached (the EOM led will light continuously at this point.

Playback

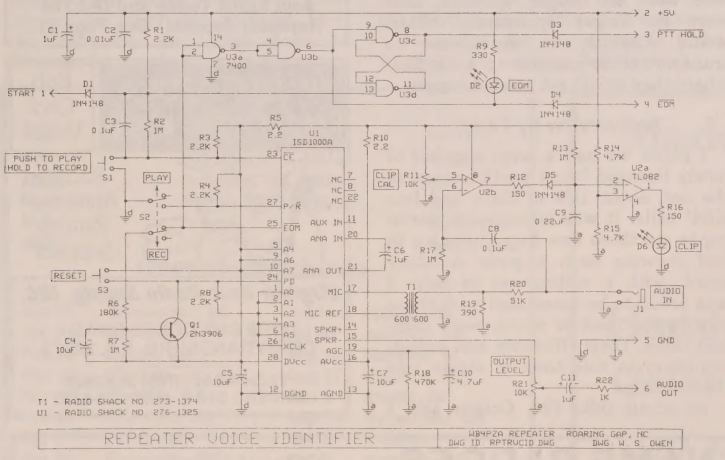
Set S2 to PLAY and push S1 to start playback. The IC will play the first ID and stop. Pushing S1 again will play the second ID and so on. Pushing S# will reset the IC to the first ID.

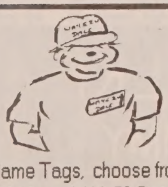
Clip Calibrate

Adjust R11 (CLIP CALibrate) so that the CLIP led just flashes with proper input audio. Try recording with various audio levels for the best signal to noise/distortion tradeoff and set R11 accordingly.

Installation

Since there are many different repeater controllers (both homebrew and commercial), interfacing the voice identifier is beyond the scope of this article. I use a homebrew controller that sends a start command to the voice identifier at 15 minute intervals when the rpeater is keyed up but not in continuous use (CW IDs are sent when the repeater is in use). The EOM signal tells the controller when the ID is finished so it can reset the 15-minute timer and unkey the transmitter.





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The Journal Likes Pictures-Stories

If your repeater group, or club has a story to tell that would be interesting to our 8-states of readers, why not write it up and send it in. For stories, typewritten copy, or on 3-1/2 or 5-1/4 computer disc in ASCII or your favorite word processing program. Photos can be color or B & W. No negatives. Send them to the Journal editor. (pg. 1)

Ice Storm In Memphis

Continued from Page 9

him, so he could go by his office and check in there. After a few minutes with no volunteers, I checked to make sure my wife would be OK, and called Jim to tell him I would try to get downtown to relieve him. My home is about 18 miles from the EMA office, and I wasn't sure about road conditions between the two. Right after I called Jim, Coleen Johnson, KE4GUZ called via the net and indicated she could go in if I could give her a lift. She lives about 3 miles from my home, so we set it up for me to swing by and pick her up. The trip downtown was relatively uneventful, as the interstate was clear of ice except on the bridges and shoulders. We arrived at EMA around 9:10 AM.

I still didn't realize how busy Jim was until we walked into the radio room at EMA. He genuinely seemed glad to see Coleen and myself, and didn't waste any time getting us integrated into the operation.

It was decided that I would take over net control on 2-meters from Jim, and Coleen would be the communicator between net control and the people at EMA.

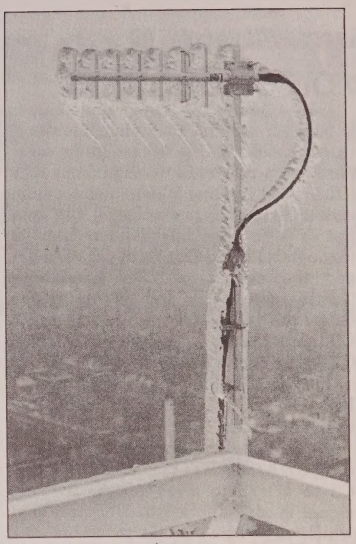
It was fortunate that Coleen went to EMA also, as she was a big help. I don't think I could have handled the traffic that we eventually handled, by myself. We officially relieved Jim at around 9:15, and immediately began "the 2nd shift" taking traffic from several Amateurs in the field. We were eventually asked by EMA to gather the following information:

- ø 1. Locations of power lines down, especially when they were in roadways, public access areas or were life threatening.
- ø 2. Locations of trees or large limbs that had fallen on commercial or residential structures, especially if life threatening.
- ø 3. Locations of trees or large limbs down, partially or fully blocking major thoroughfares.
- ø 4. Any other impairments on major thoroughfares that could interfere with emergency vehicle access.

Coleen and I had it down to where she and I both would copy messages coming in from those in the field, and she would put the info into a readable form for EMA and deliver the messages to the appropriate area. After a while, EMA setup status clip boards for the four categories, and Coleen would copy the info directly to these status boards.

We had a steady stream of reports until about 2:45 PM. During this time, Coleen nor I had time for a break, and didn't even realize lunch time had passed.

We felt fortunate that no life threatening issues developed, although there were several situations where hams in the field found elderly people who were on oxygen systems, that were no longer operational. EMA would dispatch an ambulance to transport these persons to a hospital where they would get needed oxygen.



SWR kinda high? 3-inches of ice can do bad things to antennas. An antenna overlooking the city of Memphis got it rough last February. *-Photo by Johnny Wofford, WA4ETE*

An overview by Terry!

I noted we had a large number of newly licensed hams participating in the net, about 16% of them had late KE4" calls. It was quite heart warming to see these new hams jumping in and showing such a great Amateur spirit, with a willingness to help. I was proud to be associated with these new hams, most of whom were codeless techs. Their efficiency and professionalism in this time of stress was outstanding.

At about 3:30 PM, Coleen and I were relieved by Ned, KA4BLL and Mike, WA0WQI.

Over 70 different hams called in reports throughout the weekend. We wish we had room to publish every one of their names. But we can say, a big *"Thank You"* to everyone.

Name Change for Atlanta Hamfest

The 1994 Hamfest in Atlanta will have a new name, a new look, and a new location. The event has been renamed the Southeastern Amateur Radio Convention, and will be held at the Galleria Centre on the Northeast side of Atlanta on July 23 and 24th.

Sponsors of the show promise a more workable layout for the dealers, manufacturers and fleamarketeers. One badly needed new thing they mentioned, plenty of nearby parking.

The Galleria Center is a huge complex containing a 521-room Hotel, a 100,000 square foot specialty mall, meeting area, and over 100,000 square feet of enclosed hamfest exhibit and flea-market space.

Further information may be obtained by writing Southeastern Amateur Radio Convention, P.O. Box 80947, Atlanta, GA 30366 - Phone (404) 717-5893.

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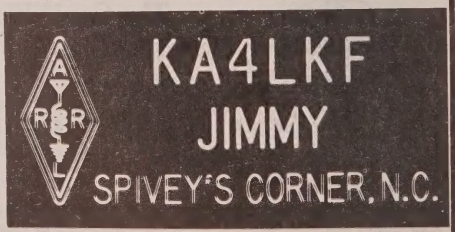

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Greensboro NC Hamfest Goes to One Day, Moves

Fred, N4GGD said the Greater Greensboro, NC Hamfest will move to the Greensboro Coliseum Complex this year. He said the show will drop to a one-day only, Saturday event, tentatively scheduled for Dec. 3rd.

The change, according to Fred, is a result of polling numerous dealers who regularly attend the show, and hams who come to the show. Greensboro had outgrown the Armory several years ago.

"We want to keep up with the times," Fred said, "Attendance patterns shows, there are very few 2-day shows anymore, so we changed to one day."

Gastonia Hamfest Goes To A One Day Event

The Gastonia North Carolina Hamfest will change to one day this year, on Sunday May 29th. Sponsors said this will compliment the Saturday, May 28th Durham, NC Hamfest and not cause any conflicts. It is expected many hams will take advantage of the weekend, and attend both shows. Dealers indicate they plan to finish Durham Saturday and drive down to Gastonia for Sunday.

WCARS Asheville NC Hamfest Now One Day

Carl Smith, N4AA, chairman of the WCARS (Asheville, NC) Hamfest said the decision to move to just a one day show will be a good one. He said after carefully surveying attendance, and dealers who were present last year, the answer was obvious.

The Hamfest will be held on Saturday only, July 30th at the Haywood County Fairgrounds.

High Point NC Hamfest Drops to One Day

The HPARC in their brochure indicated their show will be held on Saturday, August 6 only. This year, the show is as memorial and dedicated to a club member who passed away last year, Lomer L. McMahan.

Albany Hamfest Moves And Changes Dates

The Albany Georgia Hamfest reports they will move to the Albany Civic Center and hold their show in conjunction with the Georgia Computer Fair. The event will also host the ARRL Georgia State Convention.

New date for the show is June 17-18 (Friday evening & Saturday)

B-I-G, Successful 1-Day Shows Have Prevailed

Over the years, the trend had been 2-day hamfests for most. Times have changed, and most hamfest sponsors see their second day a total disaster.

This year, there is a large movement to one day only. Attendance patterns have changed over the past 5 years, and hamfest sponsors are beginning to recognize what has happened - Everyone comes the first day, and less than 10% come the second day seems to be the general pattern (with the exception of some few very large shows).

Among the most successful larger-shows over the years who have maintained successful one-day shows are: Raleigh, NC, Richmond, VA., Vienna, VA, Wheeling, WV, Manassas, VA and Winchester (Berryville) VA.

Other successful medium shows running one-day include: Rock Hill, SC, Durham, NC, Roanoke, VA, BRATS, Timonium, MD, Gray, TN, Knoxville, TN.

The pattern is beginning to take shape. Get the show in on one day, thereby cutting expenses, and wear and tear on the club, and rest the second day of the weekend. We'll see more shows dropping to one-day events in the near future - you can bet on it.

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1994 Hamfest Schedule

Jan 15	Greenwood, SC	Jul 16	Atlanta, GA
Jan 29	Greenville, AL **	Jul 30	Asheville, NC
Feb 26	Dalton, GA	Aug 20	Huntsville, AL **
Mar 12	Charlotte, NC **	Aug 27	Madison, GA
Mar 19	Marietta, GA	Sep 3	Shelby, NC
Mar 25	Columbus, GA **	Sep 24	Gainesville, GA
Apr 9	Perry, GA	Oct 1	Boaz, AL **
Apr 30	Greenville, SC	Oct 7	Augusta, GA
May 14	Hartwell, GA	Oct 22	Chattanooga, TN
Jun 11	Athens, GA	Nov 5	Lawrenceville, GA
Jun 18	Albany, GA	Nov 12	Montgomery, AL **
		Nov 26	Greensboro, NC **

** Tentative - Call before show for confirmation

We will take in rigs for repair at the show. - For rigs other than AZDEN, KDK, or ADI, please supply schematic & manual.

We will deliver repaired units at the show. - Please make sure rig is in our shop at least two weeks prior to the show.

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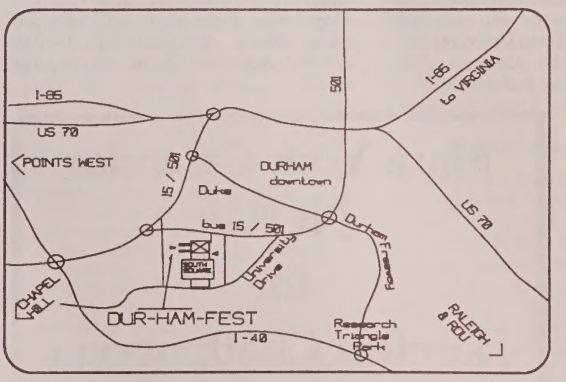

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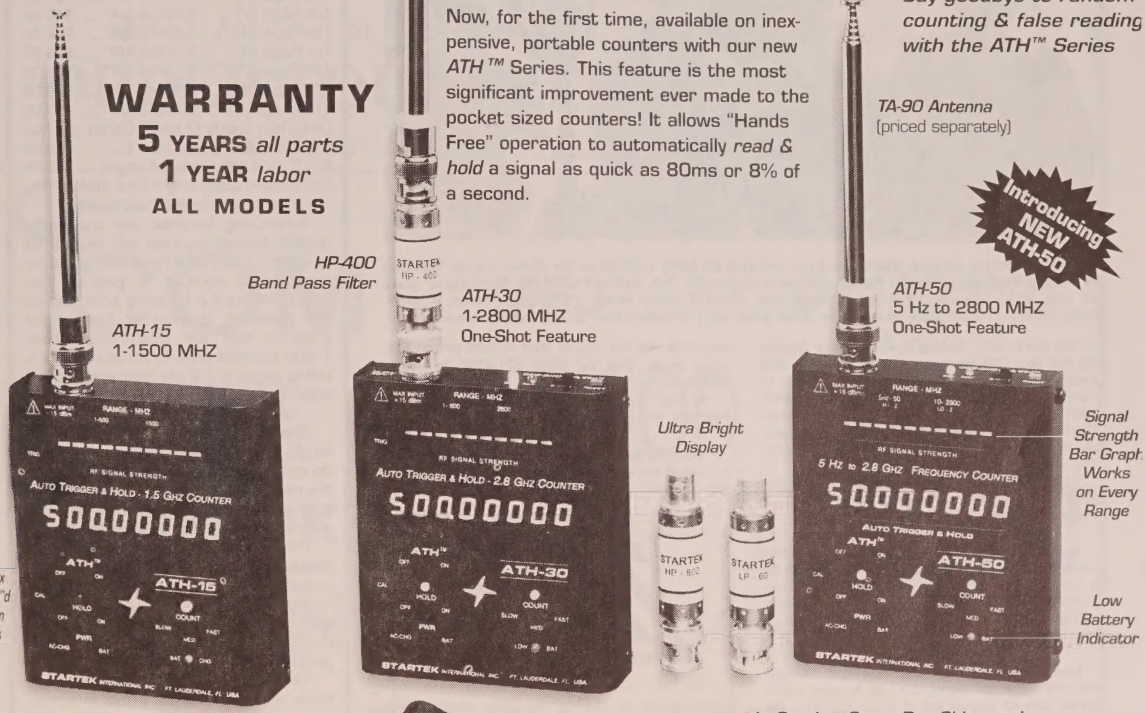
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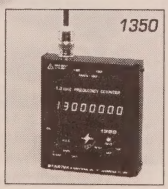
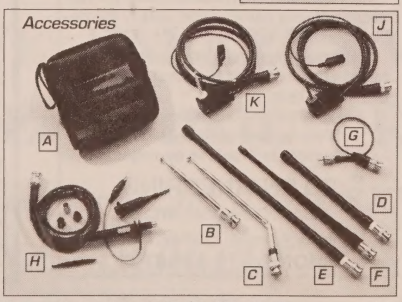


Accessories



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SOUTH CAROLINA NEWS

-by Gary, WD8OXE & Donna, KB4TUY Foster
Send news to: 670 Foster Road, Inman, SC 29349

Everyone is looking skyward, checking out the new antenna being installed on the Aircraft Carrier Yorktown for the upcoming special events Station planned in September. The "Sailing Around the World Alone" event will start out of Charleston.. Shown are Ed Frank, KC4OOZ, Bryce Myers, K4LXF, Mac Swan, AC4PW, Richard Shanken, KC4PMS, and at the rear of the group, Larry Brumback from B.O.C., event sponsor.

We were really looking forward to our Dayton trip this year. We try to go every other year, and always have a great time. Hope we were able to meet up with some of you there. If you've never been to Dayton, you really need to go at least once. There is something for everyone and more than you can ever see in the three days of the Hamvention. Why not plan to go next April!

Our main interest this year was to look over the latest repeater controllers with all the goodies and gadgets on them.

* * * * *

If you have any ham related story you would like published in the Repeater Journal, just send it to us in any form. Our deadline to send copy to Wayne for the August issue is July 1st., so we'll need your copy at least a week or two prior to that. Tnx to all those who sent news this time. Pictures too!

* * * * *

Low Country News: Ed, KC4OOZ handled over 200 messages during the Los Angeles earthquakes with 42 coming out of South Carolina. He was one of 3 net control stations and got a lot of news coverage from all the Charleston TV stations.

* * * * *

The Charleston Amateur Radio Society, (CARS) club house on board the Aircraft Carrier Yorktown is really taking shape and is now wired for heading and air conditioning.

* * * * *

Four repeaters in the Charleston area are now linkable via remote base. They are the 146.79 & 145.25 (WA4USM), 146.835 (KC4UUD) and 147.17 (WA4HNK). All these rpeaters can also link to Orangeburg 146.88 machine. Also on line in Summerville is the 443.800 wide-range repeater and the 145.25 machine in Knightville. All these are CARS affiliated repeaters and have open autopatch with "star" up and "pound" down. The trunk line for the Myrtle Beach to Charleston is on line on 442.300 and working well.

* * * * *

For those wanting to upgrade or get their first ticket, ongoing classes are being held in Summerville at the Screven Building at Exit 17A on I-26 on Tuesdays and Thursdays at 7:00 pm. Instructors are Dick Jones, KQ4TH and Dr. Stan Ricketts, KN4QU, with Ed Frank, KC4OOZ helping in a support role.

Amateur radio tests for all classes will be held at the Trident TEC on Rivers Ave. on May 21st and June 18th, starting at 9:00 am.

For those wanting a Commercial General Radiotelephone test the exams start at 2:00 pm on the same dates. Call Ed (803) 871-4368 for more information.

A total of 52 test elements were given in February, and 22 in March.

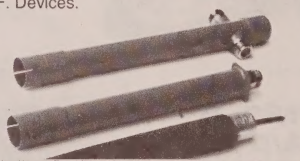
* * * * *

"Ham Radio and More", a radio talk show can be heard along the coast on WHR 1130 AM at Hilton Head, and on WBMS 1340 AM out of

Continued on Page 21

Z·D ENGINEERING

Specialists in CATV Hardline Matching Transformers, Power Dividers and Related R.F. Devices.



Built to fit 1/2, 3/4 and 7/8 inch hardline, or can be custom built for other sizes of hardline and any frequency between 50 MHz and 1.3 GHz. When ordering, please include a 4 inch section of your hardline and specify the design frequency uou need.

144 MHz units are ~~$34.95~~ per pair. 222 MHz, 440 MHz, 903 MHz and 1296 MHz units are ~~$32.95~~ per pair.

Add ~~$5.50~~ per pair UPS shipping (U.S. only).
Ohio residents add 5.5% sales tax.

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Effective 1 January 1994

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Classified (30 Words Max.) $4.50
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2nd Color usually bright Red w/black

NO ADVERTISING DISCOUNTS

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold any additional ads in future issues until account is paid in full. NOTE: Pages 4 & 5 (facing color pages) are preferred up-front of book color positions and are guaranteed under 1-year contract only. In some instances, facing pages 8 & 9 are available for spot color. For availability call the editor.

SPECIFICATIONS

Sizes listed Above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for **exact size, camera-ready positive photoprint or pasteup.** Full color ads for covers require negatives, right-reading emulsion down. 150-Line screens preferred. Camera work, design, typesetting, pasteup is available at a nominal charge.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone corrections. After deadline proof changes to an ad are not available due to staff and time limitations.

All advertising copy and insertion orders should be sent to the Repeater Journal Advertising Manager: Sharon Ward, P.O. Box 215, Tobaccoville, N.C. 27050. Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline. The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Editor or Sales Manager.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 1,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

The Repeater Journal is published by and is the voice of SERA, INC.

COMMUNICATION HEADQUARTERS, INC.

3830 OLEANDER DRIVE, WILMINGTON, NC 28403
service & technical (910) 791-8885 fax orders (910) 452-3891

ORDER TOLL FREE 1-800-688-0073

VISA MASTERCARD DISCOVER AND CASH WELCOME

ICOM
ALPHA DELTA
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YAESU
SANGEAN
AEA
GORDON WEST
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LARSEN
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COAX
CONNECTORS
SHORTWAVE
BARKER & WILLIAMSON
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KANTRONICS

authorized in-store service for ICOM-KENWOOD-YAESU

THE CAROLINAS' LARGEST AMATEUR DEALER

Happening In East Tennessee SOON:

The

1994 Knoxville HAMFEST AND COMPUTER FAIR

Saturday June 4, 1994 8:00am
Tennessee Valley Fairgrounds - Chilhowee Park

- Over **57,000** sq. ft. of indoor space
- **100** plus commercial dealers
- Largest Hamfest in East Tennessee
- **Expanded** Indoor Flea Market Area
- New **100,000** sq. ft. paved Outdoor Tailgating Area
- **Free** Parking
- Fantastic **PRIZES**
- Dealer RV Parking and Hookup
- VE EXAMS
- Located at the gateway to the Smokey Mountains
- Friday Night Setup after 6pm with overnight Security

TALK-IN - W4BBB on 147.30, 147.195, 224.50 and 443.075 Repeaters
Admission $5.00, under 12 free

Dealer Reservation INFORMATION

Angela S. Crigger
N4RPR
2707 Pine Hill Drive
Knoxville, TN 37932
(615) 694-9071

For further information, write to or call:
Ross A. Ramsey
KC4YDR
Knoxville Hamfest and Computer Fair
P. O. Box 124
Knoxville, TN 37901
(615) 690-1520

Our 27th year and still growing!

SOUTH CAROLINA NEWS CONTINUED

Wilmington, NC at 6:00 pm EST on Sundays. The host is Len Winiker, KB7LPW. You can call 1-602-241-1510 to locate a station close to you that airs the program.

* * * * *

The Charleston ARS meets at the Shoneys on Rivers Ave. at 7:00 pm on the 2nd Monday of each month.

* * * * *

From Ed, KC4OOZ, we have the following: The B.O.C. "Around the World Alone" race is an event that takes place every 4 years, and Charleston, SC has been selected as the site for the 1994 race. The Charleston ARS will be having a special event station on the Yorktown aircraft carrier on the day of the race.

The race will have some hams that will be sailing around the world alone on boats from 30 to 60 feet long and cost between 1 and 2 million dollars. There are over 35 boats from around the world that have already registered for the event. A special QSL card will be sent to all contacts with the Special Event station. The race starts at noon 17 September and will be covered by news media. The US Coast Guard will have a cutter covering the departure of the race. Communications are going to be state-of-the-art satellite and GPS 24-hours a day. The emergency and backup communications will be by Amateur radio on frequencies to be announced later. The first leg of the race will be to Capetown South Africa. We will try to have more info in the next Journal.

* * * * *

Linking News: The Georgetown site for the 147.375 repeater is making progress. This is the linking association backbone for the Charleston to Myrtle Beach link. The VHF and UHF repeaters are now in the hands of Les, WD4DMI who has agreed to help get the machines in good working order. Tony KD4BAO was very helpful in transporting the repeaters to Georgetown. Ed, KC4OOZ donated 2,000 ft. of hardline and also ARX strip. Glen, KD4VWI transported the cable from Charlotte.

* * * * *

Myrtle Beach News: While visiting the Grand Strand have breakfast with the local hams at UNcle Johns Pancake House at 9:30 am on Saturdays. The GSARC has had this breakfast and informal rag chew for several years and invites all local and visiting hams in the area. Uncle Johns is on Hwy 17 at 24th Ave. N.

* * * * *

The 145.11 repeater is still down waiting for a replacement antenna that has been ordered. Les, WN2V is making arrangements for a commercial tower crew to replace the antenna. The 147.12 is in good order except for occasional noisebursts and some low audio at times. The noise may be coming from the antenna or feedline. The club owns a DB-224, 4-bay antenna and when a new harness comes in, it and new feedline will replace the present antenna system. Glen, WA4NMW is working on the audio problem. Tnx to Jack, KI4CB for the info.

* * * * *

Anderson-Hartwell: A new UHF repeater is on the air in the Five Forks community of Anderson County. The machine is on 444.525 with a PL of 203.5. The repeater call is KD4WCR. The Hartwell Hamfest will be held May 21-22 at the Sadlerscreek State Park on SC 187 near Anderson. The Hartwell repeater on 146.895 has emergency speed dial if needed. The codes are as follows: 910-Hart Cop. Fire, 911- Hart Co., 912-Hart Co. Sheriffs office, 913-Hart Co ambulance, 914-Hartwell Police.

* * * * *

Greenville-Spartanburg: Due to forwarding problems, the Tryon Mt. BBS has a callsign change. The BBS now carries the call of WD8OXE. Forwarding is still from Jim, KI4FL. A new antenna for the 146.61 repeater is in and will be installed as soon as weather allows. The Roper Mt. 220 repeater now has a full time PL tone of 88.5 to reduce interference. The Greenville Hamfest was held on April 30th and May 1st. We'll report on it next issue. Until next time...send news.

REPEATER JOURNAL DEALERS

Get Extra Copies of the Journal for your friends & new Hams!!

ALABAMA RADIO
Heflin, AL
Communications Headquarters
Wilmington, NC
C.T. MORGAN & ASSOC.
Chattanooga, TN
HAM RADIO OUTLET
Atlanta, GA
IRI Amateur Electronics
Greensboro, NC
OMAR ELECTRONICS
Loganville, GA
RAY'S AMATEUR ELEC.
High Point, NC
ROSEWOOD CO
Elko, SC
THE COUNTRY HAM
Ridgeville, SC
VIS STUDY GUIDES
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ONLY $27.00 PER BLOCK A YEAR PREPAID - WRITE OUR SALES MANAGER

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Since 1973, always the 3rd Saturday in July
Cary ARC POBox 53
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Tent & Canvas Camper Repair • Camper Canvas Replacement
Custom Made Bags & Covers • No Job Too Small
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PHONE: (910) 621-2477
FAX: (910) 375-0235

Welcome To The Durham FM Association
REPEATERS - WA4WTX

HILLSBOROUGH	DURHAM
147.225	145.45
224.26	444.10

Dial *911 For Durham Emergency
Dial *914 For Highway Patrol-Raleigh
DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

Welcome to
W4LPL/REPEATER
"The Red Carpet Repeater"
Fayetteville, North Carolina
147.93/33
Proudly Serving our Community and the best darn Hams in the world

EAST COAST 70 cm NET
432.090 SSB/CW
WEDNESDAYS 9 - 10 PM
NCS: WD4MBK ATLANTA
Coverage: VA, NC, SC, GA, FL, AL MS, LA, TN, IL, KY, OH, WV

W4CA
A Mountain-Top Repeater Serving The Roanoke Valley in Virginia
on 146.985 mhz and 442.500 mhz
RVARC
(The Roanoke Valley Amateur Radio Club) Owns, services and operates this repeater
W4CA NET IS ON EVERY WEDNESDAY 8:00 pm - 9:00 pm on 146.985 mhz
RVARC SPONSORS MAYFEST - MAY 21

THE APPALACHIAN REPEATER ASSOCIATION, LTD.
Northern & Southern Divisions

29.620	Beckley, WV	KA8OTX	Bolt Mountain
29.680	Bluefield, VA	WZ8E	Oneida Peak
145.170	Beckley - West	N8FRV	Bolt Mountain
145.230	Beckley - North	N8FWL	Lick Knob
145.310	Beckley - East	WF1G	Mann Mountain
146.625	Beckley - South	WF1G	Flat Top Mountain
146.865	Pembroke, VA	WZ8E	Mountain Lake
146.955	Bluefield, VA	WZ8E	Oneida Peak
147.030	Mullens, WV	KC8IT	Herndon Mountain
147.270	Roanoke, VA	KB4QWO	Poor Mountain
224.120	Beckley - South	WF1G	Flat Top Mountain
442.300	Beckley - West	AA8BS	Bolt Mountain
443.475	Beckley - Town	N8FWL	Sullivan Hill
443.625	Bluefield, VA	WZ8E	Oneida Peak
444.000	Mullins, WV	KC8IT	Herndon Mountain
444.125	Pineville, WV	AA8BS	Lambert Knob
444.400	Alderson, WV	WF1G	Keeney Mountain
444.625	Bluefield, WV	WZ8E	East River Mountain
444.800	Beckley - North	WF1G	Mann Mountain

Plus Two Full Time Duplex Link Repeaters Serving The ARA (WV-VA), PCRN (NC), and CRG (PA) Repeater Systems!

TALK IN
444.150 + 5mhz

!! WALK IN EXAMS !!

TALK IN
146.805 - 600khz

G.A.A.R.C.

GASTONIA AREA AMATEUR RADIO CLUB

2nd ANNUAL MEMORIAL WEEKEND HAMFEST

SUNDAY MAY 29, 1994 / HOURS 8:00 AM TO 4:00 PM
KARYAE PARK, LINWOOD RD, GASTONIA, NC

EASY ACCESS FROM INTERSTATE 85
BREAKFAST AND LUNCH AVAILABLE AT PARK

PREREGISTRATION DRAWING AT 10:00 AM.
GRAND PRIZE DRAWING AT 3:00 PM.
HOURLY PRIZES WILL ALSO BE GIVEN.
DO NOT NEED TO BE PRESENT TO WIN MAIN PRIZES,
BUT YOU MUST BE PRESENT FOR HOURLY PRIZES

NOT RESPONSIBLE FOR ACCIDENTS OR THEFT

WALK IN EXAMS BY CHARLOTTE VEC
STARTING 9:00 AM / FEE $5.00
NOTIFY TICKET PERSON AT GATE FOR ENTRY TO EXAM
ORIGINAL & PHOTOCOPY OF LICENSE & CERTIFICATES
REQUIRED FOR EXAM

LOTS OF PARKING INCLUDING HANDICAPPED.
** TAILGATE SPACE INCLUDED WITH TICKET. **
UNDERCOVER SPACES (IF ANY LEFT AFTER DEALER PREREGISTRATION) WILL BE AVAILABLE AT THE GATE FOR $7.00 EA PLUS ENTRANCE TICKET.

G.A.A.R.C. HAMFEST PREREGISTRATION FORM:

NAME: _____ CALL SIGN: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

DAY PHONE: _____ EVENING PHONE: _____

QUAN OF TICKETS @ $ 4.00 EA. _____ TOTAL FOR TICKETS: _____

TICKETS INCLUDE ONE TAILGATE SPACE. AGE 12 & UNDER FREE.
PREREGISTERED TICKETS $ 4.00 EA. / TICKETS AT THE GATE $ 5.00 EA.
TICKET ORDERS MUST INCLUDE A S.A.S.E. / MAKE CHECKS PAYABLE TO G.A.A.R.C.
ORDERS RECEIVED AFTER MAY 20, 1994 WILL BE HELD AT THE GATE.

MAIL TO: G.A.A.R.C., PO BOX 85, IRON STATION, NC 28080-0085

COMMERCIAL DEALER INFORMATION
CONTACT MIKE JACKSON / N4AYO
AT 704/922-3593 EVENINGS

GENERAL HAMFEST INFORMATION
CONTACT BILL SHOGRAN / WB4TSW
AT 704/732-1005

PREREGISTRATION INFORMATION
CONTACT JOE PICARD / N4IXC
AT 704/735-1218

SEND ALL CORRESPONDENCE TO
G.A.A.R.C.
PO BOX 85, IRON STATION, NC 28080

THE SERA OFFICIAL REPEATER INDEX

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings are those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Repeater owners are reminded to contact their local Frequency Coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA SIMPLEX FREQUENCIES

10 Meter:	29.60							
6 meters:	52.49	52.51	52.525					
2 meters:	146.40*	146.415*	146.43*	146.445*	146.46*	146.475	146.49*	146.505*
	146.52	146.535	146.55	146.565	146.58	146.595	147.405*	147.42*
	147.435*	147.45*	147.465*	147.48*	147.495*	147.51	147.525	147.54
	147.555	147.57	147.585					
220 MHz:	223.42	223.44	223.46	223.48	223.50	223.52	223.54	223.56
	223.58	223.60	223.62	223.64	223.80	223.82	223.84	223.86
	223.88	223.90						
440 MHz:	445.825	445.85	445.875	445.90	445.925	445.95	445.975	446.00
(not all listed)	446.025	446.05	446.075	446.10	446.125	446.15		

* Permitted unless operation would cause interference to repeater inputs - be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.

SERA DIGITAL/PACKET SIMPLEX FREQUENCIES

2 meter:	144.91	144.93	144.95	144.97	144.99	145.01	145.03
	145.05	145.07	145.09	145.51	145.53	145.55	145.57
	145.59	145.61	145.63	145.65	145.67	145.69	
220 MHz:	223.66	223.68	223.70	223.72	223.74	223.76	223.78
440 MHz:	430.05	430.15	430.25	430.35	430.45	430.55	430.65
	430.85	430.95	440.975	441.00	441.025	441.05	441.075

Note: 430.75 mhz is reserved for ATV Audio Channel

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

This index is updated as of April 24, 1994.

REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY	W4MM	29.58	29.68	*	L
ATL/MARIETTA	N4NEQ	29.54	29.64	*	L
DALTON	N4BZJ	29.58	29.68	*	AL

6 METERS

ALPHARETTA	KC4JNN	52.25	53.25	N	ABELR
ATL/MARIETTA	N4NEQ	52.09	53.09	*	L
AUGUSTA	K4EDU	52.03	53.03	N	O
CARTERSVILLE	WB4AEG	52.07	53.07	*	PR
CLEVELAND	N4RBT	52.17	53.17	*	
CONYERS	WB4JEH	52.55	53.55	*	LT151.4
#CONYERS	WB4JEH	52.55	51.55	*	UNCOORD.
DALTON	N4BZJ	52.13	53.13	*	
DOUGLASVILLE	N4UOX	52.47	53.47	N	PROPOSED
#HIGH HOUSE MTN.	W4VWH	52.45	53.45	N	UNCOORD.
JULIETTE	KC4ZIZ	52.43	53.43	*	B
PINE LOG MT.	WB4UPC	52.05	53.05	N	L
PINE LOG MT.	KE4PN	52.29	53.29	N	L
VALDOSTA	KB0Y	52.89	53.89	*	

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	*	PL
ALBANY	W4MM	144.55	145.15	*	L
ALBANY	W4MM	146.10	146.70	*	A
ALBANY	W4MM	146.13	146.73	*	
ALBANY	W4MM	146.22	146.82	*	
ALBANY	W4MM	147.72	147.12	*	O
ALBANY	WB4TFW	147.75	147.15	N	
AMERICUS	WD4EBB	147.87	147.27	N	
#ASHBURN/TIFTON	WD4LYV	147.885	147.285	N	UNCOORD.
ATHENS	WA4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD	K4TQU	147.975	147.375	*	P
ATL/UNION CITY	WA4UPE	146.025	146.625	*	BEP
ATLANTA	W4AQL	144.55	145.15	N	PEB
ATLANTA	NK9Q	144.69	145.29	*	BEP
ATLANTA	W4DOC	144.75	145.35	*	
ATLANTA	WB4QGR	146.04	146.64	*	T
ATLANTA	W4DOC	146.22	146.82	*	EP
ATLANTA	K4CLJ	146.37	146.97	*	T
ATLANTA	WA4NNO	146.40	147.00	N	P
ATLANTA	K4YSB	147.705	147.105	N	Y
ATLANTA	K4JPD	147.795	147.195	*	T
ATLANTA	WD4KDT	147.855	147.255	*	BT110.9
ATLANTA/AIRPORT	W4REI	147.63	147.03	*	
ATLANTA/BELL	W4PME	144.81	145.41	*	BEP
#ATLANTA/GPCO	WA4VBX	147.885	147.285	*	UNCOORD.
ATLANTA/MARIETTA	N4NFP	146.055	146.655	*	ABLRT118.8
ATLANTA/MARIETTA	N4NEQ	147.945	147.345	*	ELRP118.8
ATLANTA/SWEAT MTK	DN4NC	146.13	146.73	*	LK
AUGUSTA	W4TUN	144.51	145.11	N	A
AUGUSTA	N4TDL	144.69	145.29	*	
AUGUSTA	AA4UA	144.77	145.37	N	AB
AUGUSTA	NA4I	144.81	145.41	*	BP
AUGUSTA	W4DV	144.89	145.49	N	AB
AUGUSTA	N4MWQ	146.04	146.64	*	K
AUGUSTA	KT4N	146.34	146.94	N	
AUGUSTA	NA4I	146.385	146.985	*	BELPT100.0
AUGUSTA	NI4S	147.72	147.12	N	P
AUGUSTA	N4BMA	147.78	147.18	N	Y
BALDWIN	WD4NHW	147.78	147.18	*	A
BONAIRE	KM4DT	147.615	147.015	*	
BOSTON	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEKYLL IS	KB4PXX	144.81	145.41	N	
BRUNSWICK	K4TVE	146.13	146.73	N	A
CALHOUN/JASPER	KC4AQS	147.405	146.805	N	PLBR
CARROLLTON	W4FWD	146.04	146.64	N	BET131.8
CARTERSVILLE	N4GIS	146.415	147.015	*	BERP
CEDARTOWN	W4CMA	147.72	147.12	*	P
CHATSWORTH	N4YYD	144.65	145.25	*	BERPT71.9
CHEAHA MTN (AL)	WB4GNA	147.69	147.09	N	
CLARKESVILLE	K4HCA	147.72	147.12	*	BEP
CLAYTON	WA4BLQ	144.65	145.25	*	
CLEVELAND/LONG	WB4HIG	146.31	146.91	N	A
COCHRAN	N4MXC	144.51	145.11	*	ABE
COLUMBUS	KA4CEK	144.71	145.31	N	
COLUMBUS	W4CVY	146.01	146.61	N	A
COLUMBUS	W4CVY	146.28	146.88	N	
COMMERCE	KB4ZUN	147.825	147.225	N	
CONYERS	WB4JEH	144.63	145.23	*	LT151.4
CONYERS	WB4JEH	146.01	146.61	*	ABLT151.4
CONYERS	N4EMM	147.81	147.21	*	BEPT162.2
COOLIDGE	N4JBF	144.57	145.17	N	PR
#CORDELE	KA4WUJ	144.89	145.49	*	UNCOORD.
COVINGTON	WA4ASI	146.325	146.925	*	AL
COVINGTON	WA1KMS	147.87	147.27	*	
CUMMING/SAWNEE	K4BYK	147.75	147.15	*	PL
DAHLONEGA	N4KHQ	147.435	146.835	*	B
DALLAS	K4DVJ	146.25	146.85	N	PE
DALLAS	WD4LUQ	147.495	146.895	N	BRT77.0
DALTON	KE4UJ	144.63	145.23	N	A
DALTON	N4BZJ	147.735	147.135	*	ABELRT100.
DECATUR	W4BOC	144.85	145.45	*	
DOUGLAS	K4SES	147.645	147.045	N	PROPOSED
DOUGLAS	K4SES	147.765	147.165	N	E
DOUGLASVILLE	N4UOX	144.51	145.11	N	PROPOSED
DOUGLASVILLE	N4UOX	144.51	145.11	N	P
DOUGLASVILLE	WA4CLC	147.96	147.36	*	
DUBLIN	WA4HZX	147.96	147.36	*	A
EASTMAN	KD4DTA	144.61	145.21	*	B
EATONTON	KC4YHM	147.69	147.09	*	ABEL
ELBERTON	N4UJT	146.025	146.625	N	
ELIJAY/TALONA M	KC4ZGN	146.385	146.985	*	ABT77.0
FAYETTEVILLE	W4PSZ	144.61	145.21	*	PE
FAYETTEVILLE	K4UWN	146.085	146.685	*	
FOLKSTON	K4DMK	146.19	146.79	N	
#FORSYTH	W4STJ	147.315	147.915	N	UNCOORD.
FORSYTH	KB4KIN	147.765	147.165	N	PL
GAINESVILLE	W4NSO	146.07	146.67	*	PET131.8
GRIFFIN	K4HYB	144.79	145.39	*	P
GRIFFIN	K4HYB	146.31	146.91	*	
HARTWELL	WA4RBS	146.295	146.895	*	B
HINESVILLE	KF4UM	147.615	147.015	*	B
IRWINTON	WB4NFG	147.84	147.24	N	AB
JASPER	KB4IZF	144.77	145.37	*	RPLB
JASPER	W4OOM	146.10	146.70	*	
JESUP	KA4EIM	144.83	145.43	N	PROPOSED
JESUP	WA4EQL	146.07	146.67	N	
JESUP	N4PJR	146.325	146.925	N	P
JESUP/SCREVEN	N4PJR	147.945	147.345	N	O
JONESBORO	WA4DIW	144.57	145.17	*	E
JONESBORO	WA4OGE	144.73	145.33	N	E
JULIETTE	KD4IEZ	146.205	146.805	*	ET100.0
KIBBEE	K4HVK	146.22	146.82	*	A
LAFAYETTE	KB4VAK	147.975	147.375	N	A
LAGRANGE	WB4BXO	147.93	147.33	N	
LAVONIA	K4NVG	146.115	146.715	*	BEPT100.0
LAWRENCEVILLE	WD4JXR	147.675	147.075	N	EP
#LOOKOUT MTN.	KC4WHD	147.81	147.21	*	UNCOORD.
MACON	KC4ZGR	144.65	145.25	*	AET100.0
MACON	W4BKM	144.77	145.37	N	
MACON	WB4OLL	144.83	145.43	N	PLR
MACON	W4BKM	146.06	146.66	N	NBP
MACON	N3SM	146.295	146.895	*	AT123.0
MACON	WA4DDI	147.66	147.06	*	T
MADISON	WB4DKY	146.265	146.865	*	A
MARIETTA	K4LCI	144.83	145.43	*	P
MARIETTA	WA4QPL	144.89	145.49	*	PE
MARIETTA	N4NFP	146.175	146.775	*	BLRPT118.8
MARIETTA	W4IUD	146.28	146.88	N	
MILLEDGEVILLE	KF4LT	144.55	145.15	N	PT
MILLEDGEVILLE	WB4DOJ	146.10	146.70	*	A
MILLEDGEVILLE	K4FRM	147.735	147.135	*	BLT123.0
MOULTRIE	WD4KOW	146.19	146.79	N	
NEWNAN	K4SEX	144.53	145.13	*	BE
NEWNAN	K4SEX	146.19	146.79	*	BP
PEMBROKE	WB4CJB	147.675	147.075	N	A
PERRY	KB4KIN	146.355	146.955	N	PL
PINE MT/HAMILTON	WB4ULJ	144.59	145.19	N	B
QUITMAN	WA4NKL	146.28	146.88	N	
#RICEBORO/MIDWAY	KF4UM	144.87	145.47	*	UNCOORD.
RINGGOLD	W4ABZ	146.115	146.715	N	
ROCHELLE	WB4OQX	146.40	147.00	*	BET100.0
ROCKY TOP MT.	K5PRE	146.355	146.955	N	
ROME	WB4YSV	147.90	147.30	N	
ROME/MT. ALTO	W4VO	146.34	146.94	*	BP
ROSSVILLE	W4FGQ	144.75	145.35	*	
ROSWELL	N4CLA	147.66	147.06	*	PE
SANDERSVILLE	AD4ID	144.67	145.27	*	AT77.0
SAVANNAH	KK4TO	146.10	146.70	*	PE
SAVANNAH	W4HBB	146.28	146.88	N	AB
SAVANNAH	W4HBB	146.37	146.97	N	AB
SAVANNAH	KK4TO	147.81	147.21	*	PE
SAVANNAH	KK4TO	147.93	147.33	*	PROPOSED
ST SIMONS ISL	KA4CVE	147.69	147.09	N	
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.71	145.31	N	
STONE MT.	W4BOC	146.16	146.76	*	
SUMMERVILLE	KA4LVY	147.825	147.225	*	A
SWAINSBORO	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETT	N4CLA	144.87	145.47	*	PE
THOMASTON	K4IMK	147.99	147.39	N	
THOMASVILLE	W4UCJ	147.66	147.06	*	
THOMSON	KC4GSS	146.235	146.835	*	A
TOCCOA	KA4DIP	147.93	147.33	*	
TWIN CITY	N4REB	147.915	147.315	N	PR
#VALDOSTA	KB0Y	144.53	145.13	*	UNCOORD.
VALDOSTA	N4ELN	146.16	146.76	*	BRPT141.3
VALDOSTA	KB0Y	147.735	147.135	*	PT141.3
VIDALIA	KE4ZZ	146.025	146.625	*	A
WALESKA/PNLGMT.	KE4PN	144.67	145.27	N	L
WARM SPRINGS	KN4FE	146.385	146.985	N	BE
WARNER ROBINS	WA4QWI	146.25	146.85	*	BP
WARNER ROBINS	WB4BDP	147.78	147.18	*	ABL
#WARNER ROBINS	AC4MU	147.90	147.30	*	UNCOORD.
WATKINSVILLE	KD4AOZ	147.645	147.045	N	
WAYCROSS	KD4CEX	146.04	146.64	N	A
WAYNESBORO	WD4COL	144.63	145.23	N	
WRENS	KB4NA	146.175	146.775	*	
WRIGHTSVILLE	WA4RVB	146.34	146.94	N	ABLR

220 MHZ

ACWORTH	N4MTA	222.72	224.32	*	BEP
ALPHARETTA	KC4JNN	223.26	224.86	*	ABELRT100.
ATL/MARIETTA	N4NEQ	222.84	224.44	*	BLRPT118.8
ATLANTA	N4BLR	222.68	224.28	N	
ATLANTA	W4DOC	222.74	224.34	*	
ATLANTA	W4DOC	222.96	224.56	*	
ATLANTA	KK4C	223.22	224.82	*	
ATLANTA-NE	KC4OVY	222.60	224.20	N	BRPT100.0
ATLANTA/BELL	W4ZTL	223.02	224.62	*	BEP
ATLANTA/MARIETTA	N4NFP	222.52	224.12	*	ABLRT118.1
AUGUSTA	AA4UA	222.60	224.20	N	AB
AUGUSTA	WB4KXO	223.34	224.94	*	P
BALDWIN	WS4F	222.50	224.10	N	
BISKEY MTN.	KC4JNN	222.56	224.16	*	ABELRT100.
BRUNSWICK	N3GLC	222.58	224.18	N	
CALHOUN	KQ4HT	222.86	224.46	*	EP
CARTERSVILLE	N4GIS	223.00	224.60	*	BERP

MORE GEORGIA REPEATERS

CHEAHA MTN, AL	N6IFL	222.56	224.16	N	
CHEAHA MTN, AL	N4YGI	224.34	224.84	N	
CLAYTON	KI4WR	223.12	224.72	*	
CLEVELAND	N4RBT	222.78	224.38	*	P
#CONYERS	WB4JEH	222.42	224.02	*	UNCOORD.
CUMMING	K4JSR	223.38	224.98	N	PL
DALLAS	N4YDX	222.58	224.18	N	BL
DALLAS	N4YEA	222.94	224.54	*	BP
DALTON	N4BZJ	222.76	224.36	*	ABT88.5
DALTON	N4BZJ	223.08	224.68	*	
DALTON	N4KVC	223.14	224.74	*	ER
ELLIJAY	KC4ZGN	223.20	224.80	*	PROPOSED
FORT MTN/CHATSWON	4YZD	222.64	224.24	*	BERPT71.9
HIRAM	KC4PZD	223.10	224.70	N	B
HIRAM	N4ZJG	223.36	224.96	N	ABL
MACON	W4BKM	223.06	224.66	N	
MARIETTA	KV4L	222.66	224.26	N	BP
MARIETTA	N4MTA	222.90	224.50	*	BEP
MARIETTA	WA4QPL	223.30	224.90	*	PE
NORCROSS	KB4PRH	222.88	224.48	N	
RINGGOLD	W4ABZ	223.04	224.64	N	P
ROCKMART	KC4LW	223.18	224.78	N	
ROME	WB4YSV	222.82	224.42	N	
ROSSVILLE	KC4EV	223.34	224.94	N	
STONE MT	W4BOC	223.16	224.76	*	
TEMPLE	KC4NYV	222.70	224.30	N	B
THOMASVILLE	N4JBF	222.72	224.32	N	AL
VALDOSTA	KB0Y	222.86	224.46	*	PT141.3
WALESKA/PNLGMT	N4KSM	222.92	224.52	N	A
WARNER ROBINS	AC4MU	223.24	224.84	*	ABER
YORKVILLE	WD4LUQ	223.28	224.88	N	BRT77.0

440 MHZ

ALBANY	W4MM	439.25	427.25	*	O V
ALBANY	W4MM	449.50	444.50	*	
ALPHARETTA	WB6RTH	447.00	442.00	N	ABEKL
ALPHARETTA	KC4JNN	448.25	443.25	N	ABE
#ATLANTA	WA4NMF	447.025	442.025	*	UNCOORD.
ATLANTA	WA4CNG	447.10	442.10	N	PROPOSED
#ATLANTA	WB5TUF	447.525	442.525	*	UNCOORD.
ATLANTA	WA4YNZ	447.975	442.975	*	TPL
#ATLANTA	WA4NMF	448.025	443.025	*	UNCOORD.
ATLANTA	KE4ZV	448.65	443.65	*	T118.8
ATLANTA	KD4LXT	448.875	443.875	*	BEP
ATLANTA	WB4QDX	449.025	444.025	*	T100.0
ATLANTA	W4DOC	449.45	444.45	*	
#ATLANTA	WB4UWL	449.50	444.50	*	UNCOORD.
ATLANTA	N4WQ	449.625	444.625	N	AO
ATLANTA	W4DOC	449.825	444.825	*	
ATLANTA	WA4NNO	449.925	444.925	N	
ATLANTA	WA4YNZ	449.975	444.975	*	PTLR
#ATLANTA/BELL	W4ZTL	434.00	421.25	*	UNCOORD.
ATLANTA/BELL	W4ZTL	449.15	444.15	*	BEP
ATLANTA/MARIETTA	N4NFP	448.80	443.80	*	BLRPT118.8
ATLANTA/MARIETTA	N4NEQ	449.05	444.05	*	BT118.8
ATLANTA/MARIETTA	N4NEQ	449.775	444.775	*	ABLRP118.8
ATLANTA/STONE MT	W4BOC	449.25	444.25	*	
AUGUSTA	AA4UA	449.40	444.40	N	AB
AUGUSTA	NA4I	449.95	444.95	*	
BALDWIN	WD4NHW	447.35	442.35	*	
BRNSWK/JEKYLL IS	KB4PXX	439.25	421.25	N	V
BRUNSWICK	KD4CPO	448.425	443.425	*	A
BRUNSWICK	K4TVE	449.975	444.975	N	O
CALHOUN/JASPER	KC4AQS	448.375	443.375	N	BP
CARTERSVILLE	WJ9J	449.125	444.125	N	PROPOSED
CEDARTOWN	KD4EKZ	448.40	443.40	*	T88.5
CEDARTOWN	KD4NTF	448.575	443.575	*	PROPOSED
CHATSWORTH	N4OGF	448.00	443.00	N	
CLARKESVILLE	K4HCA	447.425	442.425	*	B
CONYERS	WB4JEH	447.550	442.55	*	LT151.4
#CONYERS	N4EMM	447.75	442.75	*	UNCOORD.
CONYERS	WB4JEH	449.55	444.55	*	LT151.4
CONYERS	N4EMM	449.75	444.75	N	PL
CONYERS	KC4ELV	449.875	444.875	*	BLP
COVINGTON	KL7IF	448.75	443.75	*	B
COVINGTON	KD4QOW	449.175	444.175	*	BEP
COVINGTON	WA1KMS	449.60	444.60	*	
COVINGTON	WA4ASI	449.80	444.80	*	ALT88.5
DACULA	KK4IN	448.55	443.55	N	ALR
DALLAS	WD4LUQ	449.70	444.70	N	BRT77.0
#DALTON	N4BZJ	447.175	442.175	*	UNCOORD.
DALTON	N4BZJ	449.85	444.85	*	
DECATUR	N3APR	447.20	442.20	N	A
DECATUR	KA4UFM	448.95	443.95	*	BPT110.9
DECATUR	WB4LBM	449.20	444.20	N	
DOUGLASVILLE	N4AQG	449.575	444.575	N	B
DULUTH	N2NOG	447.30	442.30	N	BELP
EATONTON	KC4YHM	447.925	442.925	*	ABE
#ELLIJAY	KC4ZGN	447.70	442.70	*	UNCOORD.
ELLIJAY	KC4ZGN	449.90	444.90	N	PROPOSED
FORT MTN/CHATSWON	4YZD	448.35	443.35	*	BERPT71.9
GAINESVILLE	W4NSO	447.625	442.625	*	PET131.8
GRIFFIN	WB4DEB	448.90	443.90	N	PT
HAMILTON	WB4ULJ	449.40	444.40	N	B
HAMPTON	WB4DEB	448.125	443.125	N	
HAMPTON	N4RDM	448.40	443.40	N	PRP
HIGH HOUSE MTN	KD4APP	448.20	443.20	N	
HIGH PT/LOOKT MT	KB4VAK	448.45	443.45	N	ABRT88.5
HOG MOUNTIAN	NZ3I	447.90	442.90	*	PROPOSED
JASPER	KB4MDE	448.425	443.425	N	
JASPER	KB4IZF	449.375	444.375	*	BPLR
JESUP	N4PJR	449.925	444.925	N	O
JONESBORO	N4QCP	448.225	443.225	N	
JULIETTE	KD4IEZ	448.025	443.025	*	BET
LAKE SINCLAIR	KD4IEZ	449.70	444.70	*	PROPOSED
LAVONIA	K4NVG	447.475	442.475	*	BPT100.0
LAWRENCEVILLE	WB0QGH	447.85	442.85	*	PROPOSED
LAWRENCEVILLE	WB4QDX	449.00	444.00	N	
LAWRENCEVILLE	KC4LU	449.40	444.40	*	BT82.5
#LOOKOUT MTN	KC4WHD	449.35	444.35	*	UNCOORD.
MACON	K4VTT	447.275	442.275	*	ABELRT100.
MACON	N4IWK	447.875	442.875	N	P
MACON	KC4ZIZ	448.075	443.075	*	PROPOSED
MACON	W4BKM	449.10	444.10	N	
MACON	K4VTT	449.275	444.275	*	T123.0
MARIETTA	N1KDO	447.05	442.05	*	PROPOSED
MARIETTA	WB4BQX	448.500	443.50	*	BEP
MARIETTA	KM4BA	448.60	443.60	N	PT
MARIETTA	KM4BA	448.70	443.70	N	
MARIETTA	KM4BA	449.325	444.325	N	PTO
MIDWAY	KF4UM	449.85	444.85	*	Ö
NEWNAN	N4EBZ	449.675	444.675	N	P
#QUITMAN	WA4NKL	449.60	444.60	N	UNCOORD.
RINGGOLD	WA4LJU	448.925	443.925	N	
ROCKMART	KC4KLW	448.275	443.275	N	ABT179.9
ROCKMART	KC4KLW	448.525	443.525	N	
ROSSVILLE	N4PLP	447.125	442.125	N	C
ROSWELL	W4QO	447.15	442.15	N	
ROSWELL/BELL	W4QO	448.15	443.15	N	
SAVANNAH	KK4TO	434.00	421.25	N	V
SAVANNAH	WA4VHP	439.25	426.25	N	BRTV
SAVANNAH	KK4TO	447.70	442.70	*	B
SAVANNAH	WD4AFY	449.00	444.00	N	B
SMYRNA	N4IBW	449.65	444.65	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTR
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTL
SWEAT MT/MARIETT	N4CLA	449.475	444.475	*	EP
THOMASVILLE	KD4POG	448.25	443.25	*	PROPOSED
VALDOSTA	KB0Y	449.35	444.35	*	PT141.3
VALDOSTA	N4ELN	449.70	444.70	*	T141.3
WALESKA/PNLOG	MTWB4YSV	448.85	443.85	N	L
WALUSKA/PINE LOG	WB4YSV	443.85	448.85	N	NB
WARM SPRINGS	N4UER	447.40	442.40	N	BE
WARNER ROBINS	WB4BDP	449.225	444.225	N	PROPOSED
WARNER ROBINS	AC4MU	449.95	444.95	*	L
WATKINSVILLE	KD4AOZ	449.725	444.725	N	

920 MHZ

DALTON	N4BZJ	907.10	919.10	*	

1270 MHZ

ATL/MARIETTA	N4NEQ	1255.00	427.25	*	VR
ATLANTA NORTH	W4DOC	1271.40	1291.40	*	
ATLANTA/BELL	KB4KIN	1272.00	1292.00	*	

KENTUCKY REPEATERS

6 METERS

ASHLAND	WA4IBB	52.01	53.01	*	
GUTHRIE	KA4ZKL	52.23	53.23	N	C
HIGHLAND HEIGHTS	AD4CC	52.33	53.33	*	ABR
LOUISVILLE	WB4LBR	53.025	52.025	N	NB
STANTON	WD4KNE	52.81	53.81	N	P

2 METERS

ALLEN	K4ICN	147.90	147.30	*	AL
ASHLAND	KA4OIL	146.34	146.94	*	P
ASHLAND	KA4DII	147.84	147.24	N	P
ASHLAND	WA8KWH	147.93	147.33	N	A
#BARDSTOWN	WB4GGH	144.87	145.47	*	UNCOORD.
BAXTER	WM4H	147.78	147.18	N	A
BEREA	KI4B	146.115	146.715	N	
BOWLING GREEN	WD4MNI	146.055	146.655	*	R
#BOWLING GREEN	KA4CLL	146.25	146.85	N	UNCOORD.
CALVERT CITY	KA4KFD	147.705	147.105	N	AB
CAMPBELLSVILLE	WA4UXJ	146.04	146.64	N	
CORBIN	WD4KWV	146.01	146.61	*	P
COVINGTON	WB8NON	144.81	145.41	N	O
COVINGTON	WB8NON	147.99	147.39	N	A
CRESTWOOD	WD8ACR	147.99	147.39	*	P
DANVILLE	WD4DZC	146.055	146.655	N	A
#DAWSON SPRINGS	N4STY	146.13	146.73	N	UNCOORD.
DEANE	AK4U	144.61	145.21	N	L
DIXON	N4IOX	147.855	147.255	N	P
DORTON	KC4KZT	147.495	146.895	*	ERP
DRAKESBORO	WF4N	146.22	146.82	N	C
ELIZABETHTOWN	KD4GLI	144.75	145.35	N	A
ELIZABETHTOWN	W4BEJ	146.38	146.98	*	ABL
FARMINGTON	WB4BHM	147.84	147.24	*	
#FERN CREEK	WB4NSY	146.16	146.76	N	UNCOORD.
FLORENCE	KA4JBV	146.295	146.895	*	ALRT100
FRANKFORT	KC4KDZ	144.79	145.39	*	BEP
FRANKFORT	K4NGG	147.075	147.675	N	
FRANKFORT	KC4AI	147.84	147.24	N	T100.0
GLASGOW	KF4DC	144.81	145.41	N	
GLASGOW	W4WZH	146.34	146.94	*	AB
GRAYSON	KF4JO	146.10	146.70	N	
#GREENSBURG	W4YXO	147.75	147.15	N	UNCOORD.
GREENVILLE	WA4TTC	146.145	146.745	N	P
GRETHEL	KJ4VF	147.645	147.045	*	LRP
GUTHRIE	KA4NNE	146.205	146.805	N	L
HALLS GAP	WD8PRH	144.57	145.17	*	AL
HARLAN	WA4ZAC	147.705	147.105	*	
HAZARD	K4VHF	146.07	146.67	*	B
HAZARD	WD4PRH	146.205	146.805	*	AL
HENDERSON	W4KVK	144.89	145.49	N	
HENDERSON	K4DPP	146.37	146.97	N	
HIGHLAND HEIGHTS	W4YWH	146.19	146.79	*	
HIGHLAND HEIGHTS	K4CO	147.855	147.255	*	PT123.0
#HODGENVILLE	KC4TX	147.915	147.315	N	UNCOORD.
HOPKINSVILLE	WA4ZVL	147.63	147.03	*	A
IRVINE	WB4AIA	146.22	146.82	N	EP
IRVINGTON	WB4WVH	146.30	146.90	*	AE
LAWRENCEBURG	KK4PL	144.69	145.29	N	A
LEXINGTON	KC4TX	144.85	145.45	N	P
LEXINGTON	KC4ZY	146.085	146.685	N	A
LEXINGTON	AC4AO	146.13	146.73	*	C
LEXINGTON	K4KJQ	146.16	146.76	N	PE
LEXINGTON	WA4HBM	147.765	147.165	N	
LEXINGTON	KJ4VF	147.795	147.195	*	C LRP
LEXINGTON/GRGTWN	WD8PRH	144.61	145.21	*	L
LITCHFIELD	KB4NFK	147.825	147.225	N	
LONDON	KC4ZFH	147.885	147.285	N	T
LOUISVILLE	WD8PRH	144.63	145.23	*	L
LOUISVILLE	W4BDC	146.10	146.70	*	BEP
LOUISVILLE	W4OAU	146.28	146.88	*	P
LOUISVILLE	W4PJZ	147.63	147.03	*	BERPT151.4
LOUISVILLE	N4NMC	147.67	147.07	*	BEP
LOUISVILLE	W4CN	147.78	147.18	*	PE
LOUISVILLE	N4KWT	147.87	147.27	N	
LOUISVILLE	KQ9Z	147.96	147.36	N	A
LOUISVILLE AREA	N4RBL	144.53	145.13	*	BT151.4
LYNCH/BLACK MT	N4IZD	147.945	147.345	N	
LYNN GROVE	KA4BLZ	146.235	146.835	N	PROPOSED
MARION	KA4FGA	147.885	147.285	N	
MAYSVILLE	WA4WMM	144.87	145.47	N	BEP
MIDDLESBORO	W4PPM	146.175	146.775	N	
MONTICELLO	N4TLK	144.55	145.15	*	BP
MOREHEAD	KJ4VF	144.53	145.13	*	LRP
MOREHEAD	K4GFY	146.31	146.91	N	
MORRILL DATA 120	N4TY	144.67	145.27	N	PROPOSED
MORRILL DATA 960	N4TY	144.71	145.31	N	PROPOSED
MOUNTAIN ASH	KD4DAX	144.75	145.35	*	A
MT. STERLING	WD4KNE	147.93	147.33	N	P
MURRAY	WB4NTB	146.34	146.94	*	BP
NICHOLASVILLE	WB4CWF	144.89	145.49	N	PE
#OWENSBORO	KN4KQ	146.090	146.690	*	UNCOORD.
OWENSBORO	K4HY	147.81	147.21	N	AL
OWINGSVILLE	N4TLP	147.675	147.075	N	A
PADUCAH	K4CUW	146.16	146.76	N	
PADUCAH	W4WQ	147.66	147.06	N	
PAINTSVILLE	AK4U	146.19	146.79	N	PL
PHELPS	KJ4YK	147.69	147.09	N	R
PIKEVILLE	AD4BI	144.55	145.15	N	BR
PIKEVILLE	KM4IV	146.25	146.85	*	ELR
PRESTONSBURG	WB4UBY	147.765	147.165	N	
PRINCETON	W4KBL	146.07	146.67	N	
PROVIDENCE	N4IUI	147.93	147.33	N	
RADCLIFF	W4BEJ	146.325	146.925	N	ABL41
RICHMOND	AC4UW	146.265	146.865	N	BP
SALEM	N4IL	147.915	147.315	*	
SALVISA	KC4ZOX	146.235	146.835	*	BLPT192.8
#SCOTTSVILLE	KJ4GL	144.65	145.25	N	UNCOORD.
SHELBYVILLE	KE4LR	147.60	147.00	*	BEP
SOMERSET	N4AI	146.28	146.88	*	BL
SPRINGFIELD	WA4SJH	147.90	147.30	*	ABL
ST. CHARLES	WA4GSB	147.87	147.27	N	
STANTON	WD8PRH	144.69	145.29	N	CL
STANTON	KC4TUK	146.37	146.97	N	ARC
UNION CITY (TN)	WA4YGM	146.10	146.70	N	
VANCEBURG	KC4TKJ	146.175	146.775	*	P
#VIRGIE	K4NRR	147.60	147.00	N	UNCOORD.
WALTON	K4CO	147.975	147.375	*	
WEBSTER	K4ULW	146.025	146.625	*	B
#WHTSBRG/PINE MT	WD4PDJ	147.99	147.39	N	UNCOORD.
WILLIAMSBURG	KG4M	147.60	147.00	*	
WINCHESTER	WB4ASZ	147.72	147.12	*	EP

220 MHZ

ASHLAND	KC4QK	222.34	223.94	N	
AUGUSTA	KC4UXD	222.32	223.92	N	PC
JARVIS	KB4PNG	223.38	224.98	N	ABELR
LA GRANGE	N4RBL	223.10	224.70	*	PROPOSED
LANCASTER	KD4RXF	222.96	224.56	N	P
LEXINGTON	AC4AO	222.82	224.42	*	ABEL
LEXINGTON	KR4BD	223.20	224.80	*	
LOUISVILLE	KA4MKT	222.70	224.30	N	B
#LOUISVILLE	KB4VEZ	222.82	224.42	N	UNCOORD.
LOUISVILLE	W4MOP	223.22	224.82	N	P
MIDDLESBORO	AA8NA	222.52	224.12		PR
PIKEVILLE	WB4F	222.98	224.58	N	
PIKEVILLE	KD4DAR	223.02	224.62	*	R
SOMERSET	N4AI	222.70	224.30	*	BER
SOMERSET	N4AI	223.28	224.88	*	BL
VERSAILLES	AD4CR	222.62	224.22	*	BERP

440 MHZ

ALLEN	N4IWZ	447.50	442.50	*	PROPOSED
ASHLAND	WB4TAT	449.975	444.975	*	
BOWLING GREEN	W4HTB	439.25	426.25	*	V
BOWLING GREEN	W4HTB	439.25	922.25	*	V
BOWLING GREEN	W4HTB	439.25	280.00	*	V
BOWLING GREEN	WD4MNI	449.10	444.10	*	ABL
BOWLING GREEN	N5KOL	449.65	444.65	*	PT136.5
CORBIN	WB4IVB	449.90	444.90	*	RT100.0
DORTON	KJ4VF	448.25	443.25	*	LRP
ELIZABETHTOWN	W4BEJ	449.250	421.250	*	AL
ELIZABETHTOWN	W4BEJ	449.80	444.80	*	ABL
FORT WRIGHT	KC4KMV	447.525	442.525	*	BP
GLASGOW	W4WZH	449.925	444.925	*	
GLASGOW/CVCTY	KF4DC	449.25	444.25	N	
GRAEFENBURG	N4HZX	448.55	443.55	*	BEP

MORE KENTUCKY REPEATERS

GRETHEL	KJ4VF	449.525	444.525	*	
HAWESVILLE	KB4QFL	449.625	444.625	N	P
HENDERSON	N4GYT	449.275	444.275	N	PROPOSED
HENDERSON	N9APA	449.50	444.50	N	
HIGHLAND HEIGHTS	W4YWH	449.90	444.90	*	
#HODGENVILLE	KC4TX	449.875	444.875	N	UNCOORD.
IRVINE	WB4AIA	447.90	442.90	N	PROPOSED
JENKINS	KK4WH	449.30	444.30	N	BLRP
LAGRANGE	N4RBL	447.10	442.10	*	PROPOSED
LATONIA	AA4XV	447.40	442.40	N	PT
LAWRENCEBURG	N4EQT	448.325	443.325	N	PROPOSED
LEWISPORT	KN4KQ	449.55	444.55	*	ALR
LEXINGTON	KC4ZY	449.725	444.725	N	RP
LEXINGTON	WD4EJA	449.95	444.95	N	
LOUISVILLE	N4ORL	447.00	442.00	N	RP
LOUISVILLE	KD4DYH	447.225	442.225	N	
LOUISVILLE	KB4RYM	447.50	442.50	N	C
LOUISVILLE	WD4ELX	447.55	442.55	N	B
LOUISVILLE	KB4YJ	447.725	442.725	N	BET151.4
LOUISVILLE	WD4ELX	448.45	443.45	N	LR
LOUISVILLE	WD9EQC	448.50	443.50	N	
LOUISVILLE	N4UL	449.10	444.10	*	ABELT173.8
LOUISVILLE	WB4ZZD	449.30	444.30	N	O
LOUISVILLE	W4MOP	449.50	444.50	N	P
LOUISVILLE	N4NMC	449.60	444.60	*	BEP
LOUISVILLE	WA4AUN	449.70	444.70	N	
LOUISVILLE AREA	KD4CLR	447.45	442.45	N	PROPOSED
MADISONVILLE	KC4FIE	447.425	442.425	N	
MADISONVILLE	WD4EBZ	447.775	442.775	N	B
MARION	KG6OG	449.20	444.20	N	
MAYSVILLE	N4TZV	448.50	443.50	N	PROPOSED
META	WB4UBY	448.50	443.50	N	R
MIDDLESBORO	AA8NA	447.325	442.325		PR
NEBO	AA4NI	449.85	444.85	N	C
NICHOLASVILLE	KC4UPE	449.775	444.775	*	PR
NICHOLASVILLE	WB4CWF	449.975	444.975	N	CR
OLIVE HILL	KO4LI	449.925	444.925	N	PROPOSED
OWENSBORO	WB4AOH	439.25	427.25	N	V
PHELPS	N4MVY	449.575	444.575	*	
PIKEVILLE	KD4DAR	449.375	444.375	N	PROPOSED
PIKEVILLE	AD4BI	449.475	444.475	N	PROPOSED
PRESTONSBURG	WB4TRS	449.20	444.20	N	PROPOSED
ROBINSON CREEK	KC4VYX	449.675	444.675	*	B
SALEM	KC4VXR	449.825	444.825	*	
SALVISA	KC4UPE	449.875	444.875	N	BCPT167.9
SCOTTSVILLE	N6UYB	449.70	444.70	N	PROPOSED
SPRINGFIELD	WA4SJH	444.60	449.60	*	
STANTON	N4VOS	447.075	442.075	N	CRP
UNION	KC4COV	449.175	444.175	*	ALRT100
VERSAILLES	AD4CR	448.775	443.775	*	P
WALTON	K4CO	449.35	444.35	*	A

MISSISSIPPI REPEATERS

10 METERS

POPLARVILLE	WA5WRE	29.52	29.62	*	

6 METERS

ELLISVILLE	N5EKR	52.01	53.01	*	

2 METERS

ABERDEEN	WB5USN	147.87	147.27	N	A
ACKERMAN	NO5N	147.72	147.12	N	
AMORY	KB5DWX	146.34	146.94	*	L
AMORY	KB5DSN	147.69	147.09	N	
BAY ST. LOUIS	K5GY	146.10	146.70	N	
BAY ST. LOUIS	K0VNO	146.25	146.85	N	
BILOXI	KC5IF	146.13	146.73	*	AEP
BILOXI	K5TYP	146.19	146.79	N	AB
BOONEVILLE	WB5UVT	144.59	145.19	N	AB
BUDE	K5JMD	146.25	146.85	N	
CHATAWA	WB5GOJ	144.71	145.31	N	PR
CLEVELAND	K5BWW	146.25	146.85	N	
CLINTON	AA5JC	147.945	147.345	N	PR
COLLINS	N5LRQ	146.385	146.985	N	
COLUMBIA	N5SPF	147.885	147.285	N	
COLUMBUS	KA5LVU	144.83	145.43	N	A
COLUMBUS	N5NKZ	147.60	147.00	N	A
CORINTH	KA5RPB	144.79	145.39	N	A
CORINTH	WB5VOJ	146.325	146.925	N	
CORINTH	K5UFH	146.40	147.00	N	
CORINTH	KB4CTS	147.885	147.285	N	
D'IBERVILLE	KC5IF	144.81	145.41	*	APER
D'IBERVILLE	W5OXA	147.825	147.225	N	L
ELLISVILLE	N5EKR	146.355	146.955	*	
ELLISVILLE	N5DWU	147.465	146.865	*	BLT136.5
FOREST	AB5SO	147.99	147.39	*	PROPOSED
FULTON	N5VGK	144.89	145.49	N	A
GREENVILLE	WA5MBA	146.22	146.82	N	A
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.10	146.70	N	
GULFPORT	KA5CYR	144.73	145.33	*	ABE
GULFPORT	KA5VFU	147.975	147.375	*	L
HATTIESBURG	W5CJR	144.59	145.19	*	O
HATTIESBURG	KA5NNX	144.77	145.37	N	
HATTIESBURG	N5LRQ	146.07	146.67	N	L
HATTIESBURG	W5CJR	147.96	147.36	*	
HERNANDO	K5VV	146.31	146.91	N	A
HORN LAKE	KA0BRN	144.57	145.17	N	EPT
ISOLA	KC5OB	146.355	146.955	N	
IUKA	WB5MFK	146.25	146.85	N	A
JACKSON	W5AXQ	146.16	146.76	*	
JACKSON	K5QNE	146.28	146.88	*	ABET100.0
JACKSON	KA5SBK	146.34	146.94	N	BET100.0
JACKSON	NC5Y	147.675	147.075	N	AT
JACNITO	UNKNOW	147.75	147.15	N	A
KOSCIUSKO	W5LWC	146.25	146.85	N	
LAUREL	KB5RQL	146.01	146.61	*	BEP
LAUREL	WV5D	146.43	147.03	N	
LAUREL	KC5RC	147.855	147.255	N	
LOUISVILLE	KB5PKU	147.96	147.36	*	A
MADISON	N5NIL	146.04	146.64	*	
MAGEE	K5HYE	146.22	146.82	*	B
MAGEE	KA5LNY	147.90	147.30	*	BE
MCCOMB	K5JMD	146.34	146.94	N	A
MCHENRY	KA5CYR	147.93	147.33	*	B
MENDENHALL	K5HYE	144.51	145.11	*	B
MERIDIAN	W5DEJ	146.10	146.70	*	A
MONTICELLO	N5JHK	147.615	147.015	N	A
MOOREVILLE	WB5NAY	146.04	146.64	N	A
NATCHEZ	W5KHB	146.085	146.685	N	
NATCHEZ	K5OCM	146.31	146.91	N	A
NATCHEZ	K5SVC	147.96	147.36	N	
NEW ALBANY	N5CAX	146.07	146.67	N	AB
NEW HEBRON	N5MRS	147.69	147.09	N	AEATLRB
OCEAN SPRINGS	W5LDD	147.63	147.03	*	AB
OLIVE BRANCH	KA5WMH	144.75	145.35	N	O
PASCAGOULA	W5WA	144.51	145.11	*	
PASCAGOULA	N5AAY	146.28	146.88	N	A
PASCAGOULA	KI5ZH	146.37	146.97	N	
PEARL/RANKIN CO.	KF5IZ	147.75	147.15	N	ABET88.5
PETAL	N5LRQ	147.735	147.135	N	O
PHILADELPHIA	N5EPP	147.93	147.33	N	
PICAYUNE	K5LFP	144.55	145.15	N	A
POLKVILLE	KB5LCL	147.645	147.045	*	PROPOSED
PONTOTOC	WB5NAY	147.98	147.38	N	
POPLARVILLE	WA5WRE	144.61	145.21	*	A
PORT GIBSON	KE5WO	146.025	146.625	N	
PRENTISS	WB5UNA	147.99	147.39	N	
RICHTON	N5OCF	147.66	147.06	*	
SENATOBIA	KB5DMT	146.385	146.985	N	
SHARON	N5RMZ	144.85	145.45	N	B
SOUTHAVEN	N5PYQ	144.77	145.37	N	
STARKVILLE	W5VZF	146.13	146.73	*	
STARKVILLE	KF5C	146.205	146.805	N	P
SUMRALL	KA5FYW	147.795	147.195	N	
TUPELO	AI5R	147.84	147.24	N	A
UNION	N5SPJ	147.81	147.21	N	ABRT100.0
#UTICA	N5ZMZ	144.75	145.35	*	UNCOORD.
#UTICA	N5ZMZ	147.945	147.345	*	UNCOORD.
VICKSBURG	WJ5L	144.69	145.29	N	
WALLS	N5NBG	144.67	145.27	*	PT162.2
WARSAW	N4DRL	147.825	147.225	*	
WATER VALLEY	WB5QFX	146.40	147.00	N	
WAYNESBORO	KI5WK	147.705	147.105	*	PR
WEST POINT	KO5S	146.19	146.79	N	A
WIGGINS	KB5DZJ	144.67	145.27	*	ABL
WINFIELD (AL)	KD4DTD	147.64	147.04	*	NB T192.8
WINONA	N5DHS	146.37	146.97	N	A

220 MHZ

ACKERMAN	NM5D	223.18	224.78	N	
ACKERMAN	NM5D	223.22	224.82	N	
BAY ST. LOUIS	K0VNO	223.28	224.88	N	
BILOXI	K5TYP	222.90	224.50	N	
ELLISVILLE	N5EKR	222.80	224.40	*	PROPOSED
GLEN	KA5RPB	222.92	224.52	N	
HATTIESBURG	W5CJR	223.14	224.74	*	O
PASCAGOULA	W5WA	222.72	224.32	*	
PONTOTOC	KE5ST	223.30	224.90	N	

440 MHZ

ACKERMAN	NM5D	448.65	443.65	N	
ACKERMAN	NM5D	449.90	444.90	N	
AMORY	KB5DSN	449.825	444.825	N	
CLERMONT HARBOR	WD5BJT	449.15	444.15	N	AL
CLINTON	KG5YV	449.00	444.00	*	
ELLISVILLE	N5DWU	447.20	442.20	*	CBPT1673.9
ELLISVILLE	N5DWU	447.25	442.25	*	C BLT167.9
ELLISVILLE	N5DWU	448.90	443.90	*	BELPT167.9
GAUTIER	KA5NOJ	439.25	426.25	*	V
#GAUTIER	KA5NOJ	439.25	911.25	*	UNCOORD.
GULFPORT	KA5CYR	449.25	444.25	*	ABE
HATTIESBURG	N5LRQ	448.55	443.55	N	
HEIDELBERG	KC5RC	449.30	444.30	N	B
HICKORY FLAT	W4ZCD	449.725	444.725	*	
HORN LAKE	KE5ST	449.65	444.65	N	
INDIANOLA	AB5DU	449.85	444.85	N	
JACKSON	KB5LCL	449.45	444.45	*	RPT141.3
JACKSON	KB5CO	449.60	444.60	*	T100.0
JACKSON	NC5Y	449.70	444.70	N	
JACKSON	KB5CO	449.80	444.80	N	
JACKSON	KA5AGD	449.975	444.975	N	
JACKSON, EAST	AA5RZ	448.625	443.625	N	
LAUREL	AJ0X	448.50	443.50	*	ABEKR
MCHENRY	KA5CYR	449.75	444.75	*	
MENDENHALL	K5HYE	448.60	443.60	*	B
MERIDIAN	KB5LTW	449.40	444.40	N	BER
NATCHEZ	N5IAT	448.80	443.80	N	A
NEW ALBANY	WB5YCR	449.15	444.15	N	O
NEW HEBRON	N5MRS	449.525	444.525	N	A
PEARL	KB5HAV	449.375	444.375	N	ABT88.5
PETAL	N5VEI	448.35	443.35	*	BRP
POPLARVILLE	WA5WRE	449.85	444.85	*	
RICHTON	N5OCF	449.625	444.625	*	RP
SOUTHAVEN	N5PYQ	449.925	444.925	N	
STARKVILLE	W5VZF	449.75	444.75	*	PR
VICKSBURG	WB5TTE	449.925	444.925	*	ABR
WALLS	N5NBG	449.65	444.65	*	
WAYNESBORO	KI5WK	449.50	444.50	*	
WIGGINS	KB5DZJ	448.30	443.30	*	O B
WINONA	N5EYM	449.95	444.95	N	P

NORTH CAROLINA REPEATERS

10 METERS

BALD CREEK	N1BEC	29.56	29.66	N	
NEWPORT	K4GRW	29.56	29.66	N	PR
THOMASVILLE	K4AZA	29.58	29.68	*	L
WILKESBORO	KC4XE	29.52	29.62	*	L
WILSON	WD4IDA	29.52	29.64	*	C
WILSON	WB4IUY	29.58	29.68	*	

6 METERS

BALD CREEK	N1BEC	52.03	53.03	N	
BOONE/RICH MTN.	WA4PXV	52.05	53.05	*	BLR
GASTONIA/CROWDER	N4XTF	52.11	53.11	*	ABELR
HAW RIVER	KD4JFN	52.23	53.23	*	T107.2
MARS HILL	WB4PLA	52.09	53.09	*	C
MOUNT AIRY	KD4FWS	52.07	53.07	N	PROPOSED
NEWPORT	K4GRW	52.01	53.01	N	PR
RALEIGH	WA4PEN	52.03	53.03	*	O
RALEIGH	WA4PEN	52.25	53.25	*	B
ROCKY MOUNT	N4YTU	52.59	53.59	N	L
SAURATOWN MT.	N4QLX	52.21	53.21	N	
STATESVILLE	WA4WRS	52.67	53.67	N	C
THOMASVILLE	K4AZA	52.17	53.17	*	L
THOMASVILLE	K4AZA	52.525	52.525	*	R
WENDELL	WB4IUY	52.07	53.07	*	PROPOSED

2 METERS

AHOSKIE	WB4YNF	144.53	145.13	N	A
AHOSKIE	WA4ZGQ	146.31	146.91	*	P
ALBEMARLE	K4OGB	146.385	146.985	*	A
ANDREWS/ROBBINSV	K4AIH	146.445	147.045	*	BELPT151.4
AQUADALE	WA4CHZ	147.99	147.39	*	A
ASHEBORO	KJ4AV	147.855	147.255	*	PL
ASHEVILLE	WB4PLA	146.235	146.835	*	L
ASHEVILLE/FLATTP	N4OOC	147.78	147.18	N	PROPOSED
ASHVL/MT PISGAH	WA4BVW	146.16	146.76	*	T151.4
ASHVL/SPIVEY MT	W4MOE	146.31	146.91	*	AB
BAKERSVILLE	KC4WPM	144.71	145.31	*	ABE
BALD CREEK	N1BEC	147.645	147.045	N	
BEULAVILLE	N4VBH	144.63	145.23	*	P
BOONE/DYER HILL	N4WET	147.705	147.105	*	
BOONE/RICH MTN.	WA4KDB	147.96	147.36	*	ABE
BREVARD	K4GBH	147.735	147.135	*	P
BROADWAY	KM4OX	147.705	147.105	N	
BURGAW	W4DLH	146.34	146.94	*	
BURLINGTON	K4FHB	146.07	146.67	*	AB
BURLINGTON	KD4JFN	147.675	147.075	*	ABERT107.2
BURNSVILLE	N4YNI	147.975	147.375	N	A
BUXTON	N4AAY	144.55	145.15	N	
CANTON	WA4BVW	147.405	146.805	*	
CARTHAGE	W2SE	147.84	147.24	*	BP
CASTORIA	KM4OX	147.795	147.195	N	PROPOSED
CHARLOTTE	W4BFB	144.63	145.23	*	
CHARLOTTE	W4BFB	144.69	145.29	*	A
CHARLOTTE	WA4AOS	144.75	145.35	N	L
CHARLOTTE	W4BFB	146.34	146.94	*	A
CHARLOTTE	W4CQ	146.46	147.06	*	ABE
CHARLOTTE	WD4PLY	147.99	147.39	N	P
CHERRY MT.	WA4BKU	146.07	146.67	N	O
CHERRYVILLE	K4JTX	144.51	145.11	*	
CLAYTON	KO4XC	144.69	145.29	*	BPT
CLAYTON	WB4IUY	147.99	147.39	*	ABE
CLINTON	WA4LZD	146.19	146.79	N	
COLUMBIA	KB4TOH	144.51	145.11	*	ABEL
CONCORD/KANNAP.	K4CEB	146.055	146.655	*	PB
CROWDERS MT/GASTWD	4PLY	144.85	145.45	N	
DUNN	N4CID	146.10	146.70	*	P
DURHAM	WA4WTX	144.85	145.45	*	AL
DURHAM	WA4BFT	146.34	146.94	N	A
DURHAM	WD4LDB	147.96	147.36	*	ABE
EDEN/STONEVILLE	WA4QBG	147.99	147.39	N	
ELIZABETH CITY	WA4VTX	146.055	146.655	N	A
FAYETTEVILLE	N4EWG	146.205	146.805	*	
FAYETTEVILLE	WA4FLR	146.445	147.045	N	Y
FAYVLLE/CFARS	WB4YZF	146.31	146.91	*	P
FAYVLLE/FT BRAGG	W4LPL	147.93	147.33	*	
FOREST CITY	K4PBG	147.84	147.24	*	AT123.0
FRANKLIN	NT4K	144.89	145.49	N	
FRANKLIN	W4GHZ	147.84	147.24	*	T151.4
GAST/SPCR MT	W4REW	147.72	147.12	N	A
GASTONIA/CROWDER	N0IZF	146.205	146.805	*	ABELR
GIBSONVILLE	AC4DZ	144.89	145.49	*	ART107.2
GOLDSBORO	K4CYP	146.25	146.85	*	PT
GREENSBORO	KC4SJE	144.65	145.25	*	BEP
GREENSBORO	N4GGD	144.69	145.29	*	RP
GREENSBORO	N4QAA	144.71	145.31	*	AER
GREENSBORO	K4SNI	146.01	146.61	*	A
GREENSBORO	N4GGD	146.16	146.76	*	BEPR
GREENSBORO	W4GG	147.63	147.03	*	PL
GREENSBORO	W4BUZ	147.81	147.21	N	B
GREENVILLE	WD4JPQ	144.75	145.35	*	ABEL
GREENVILLE	K4ROK	147.975	147.375	*	A

MORE NORTH CAROLINA REPEATERS

GREENVL/ESTN NC	W4GDF	147.69	147.09	*	
GRIFTON	W4NBR	146.085	146.685	*	
#HAW RIVER	KD4JFN	147.975	147.375	*	UNCOORD.
HENDERSONVILLE	WB4YAO	146.04	146.64	*	BLP
HENDSVL/BERWLW	MWA4KNI	144.67	145.27	*	A
HENDSVL/PENIC/MT	WA4NKI	147.855	147.255	*	A
HICKORY/BRT. MT	WA4MDW	146.25	146.85	*	
HIGH PEAK MTN	K4OLC	144.61	145.21	*	BL
HIGH POINT	N4XO	144.81	145.41	*	A
HIGH POINT	N4NNR	147.435	146.835	*	PL
HIGH POINT	KB4MFP	147.765	147.165	*	BP
HILLSBOROUGH	WA4WTX	147.825	147.225	*	AL
JACKSONVILLE	KA4SQN	144.59	145.19	*	B
JACKSONVILLE	WD4FVO	146.40	147.00	*	AE
JEFFERSON	W4YJG	147.90	147.30	*	A
KANNAPOLIS	N4JEX	147.90	147.30	N	PROPOSED
KINSTON	W4OIX	144.87	145.47	*	A
LAURINBURG	KI4RR	146.025	146.625	*	BEP
LELAND	N4CTJ	144.57	145.17	N	PROPOSED
LENOIR	N4NIN	147.795	147.195	*	A
LENOIR/HIBRITN	KN4K	147.93	147.33	*	
LEXINGTON	K4IZM	146.31	146.91	*	EP
LK NORMN/CLT	WB4KPF	147.615	147.015	N	P
LUMBER BRIDGE	W4PET	144.83	145.43	N	PROPOSED
#LUMBERTON	W4NHV	144.55	145.15	*	UNCOORD.
LUMBERTON	KD4PBK	147.765	147.165	N	PROPOSED
LUMBERTON	W4PET	147.96	147.36	*	BP
MACO	WA4LED	147.66	147.06	*	BEP
MADISON	KA4YFF	146.295	146.895	N	
MANTEO/WANCHESEK	C4VM	146.34	146.94	*	ALE
MARION	WD4PVE	146.385	146.985	N	A
MIDWAY	KM4AR	144.67	145.27	*	
MILLERS CREEK	N4GGN	146.115	146.715	*	A
MONROE	K4JCK	147.705	147.105	N	O
MONROE/UCARS	AB4DG	144.79	145.39	*	BEP
MORG WALKER TOPN	4OOC	147.825	147.225	N	ABL
MORGANTON	K4VLY	147.75	147.15	*	
MOUNTAIN HOME	K4GHH	147.705	147.105	*	
MT AIRY	AC4NZ	146.34	146.94	N	T100.0
MT AIRY	N4XRY	146.37	146.97	*	EP
MT MITCHELL	WA4BVW	144.59	145.19	*	
MT. AIRY	KD4J	144.73	145.33	*	A
MURPHY/STALCUP	KO4WD	147.465	146.865	*	BT151.4
N. WILKESBORO	N4AGN	144.77	145.37	*	P
NAGS HEAD/BODIE	K4UOR	146.235	146.835	*	AE
NEW BERN	WD4JMS	146.01	146.61	*	AL
NEWPORT	K4GRW	144.85	145.45	N	A
NEWTON	AG4L	147.675	147.075	*	ABERT71.9
#NEWTON/ANDSN	MTW4ZQB	144.57	145.17	*	UNCOORD.
OXFORD	AC4UO	144.57	145.17	N	P
OXFORD	WA4MII	144.77	145.37	*	
PIKEVILLE	KK4YP	144.73	145.33	*	C
RALEIGH	N4BQF	144.67	145.27	N	PL
RALEIGH	K4BWC	144.89	145.49	*	BY
RALEIGH	W4DW	146.04	146.64	*	ABE
RALEIGH	K4BWC	146.13	146.73	*	PB
RALEIGH	WB4TQD	146.28	146.88	*	L
RALEIGH	WB4TQD	147.75	147.15	*	P
RALEIGH BENSON	AK4H	147.87	147.27	*	BEP
RANDLEMAN/GBO	WD4CVM	144.55	145.15	*	L
RED SPRINGS	W4MZP	147.90	147.30	*	BP
REIDSVILLE	K4YEC	146.25	146.85	*	L
#RESEARCH TRI PK	KD4IHW	147.45	146.85	*	UNCOORD.
ROANOKE RAPIDS	AA4SJ	147.63	147.03	*	BP
ROARING GAP	WB4PZA	146.22	146.82	*	
ROCKINGHAM	WD4AVP	146.355	146.955	*	ABE
ROCKY MOUNT	WN4Z	147.72	147.12	*	PE
ROSEBORO	KM4OX	144.79	145.39	N	PROPOSED
SALISBURY	W4EXU	146.13	146.73	*	ELR
SANFORD	WB4EJJ	147.78	147.18	N	A
SAURATOWN MT	W4RXG	144.51	145.11	*	Y
SAURATOWN MT	W4NC	144.87	145.47	*	B
SAURATOWN MT	KK4AT	146.19	146.79	N	EPT107.2
SAURATOWN MT	K4JYH	147.915	147.315	*	BPT100.0
SELMA	KK4YP	147.615	147.015	*	O ABE
SHALLOTTE	K4PPD	144.77	145.37	N	PE
SHALLOTTE	K4PPD	147.915	147.315	N	BEP
SHALLOTTE	N4FAU	147.99	147.39	N	BEP
SHELBY	W4NYR	146.28	146.88	*	
SHELBY	W4NYR	147.945	147.345	*	P
SMITHFIELD	KD4JQ	146.37	146.97	N	A
SOUTHPORT	K4JYH	146.175	146.775	*	BP
SPARTA/GREEN MT	K4ITL	144.83	145.43	N	L
SPRING LAKE	WB4KDC	146.115	146.715	N	
STATESVILLE	WA1EHL	146.085	146.685	*	PE
STATSVL/ASBRY MT	WA1EHL	147.645	147.045	*	Y
SWANSBORO	KO4S	146.16	146.76	*	A
TABOR CITY	W4DCD	147.975	147.375	N	ALR
THOMASVILLE	K4AZA	146.40	147.00	*	LA
TRENTON	WB4TQD	144.61	145.21	*	L
TUCKASEGEE	KA4YGX	147.90	147.30	N	
WADESBORO	W4USH	146.235	146.835	*	A
WASHINGTON	WA4TEP	147.945	147.345	*	A
WAXHAW	WA4ZRS	147.465	146.865	*	P
WAYNESVILLE	N4SM	147.87	147.27	*	A
WHITEVILLE	W4NTQ	147.81	147.21	*	AEL
WILLIAMSTON	KA4KNU	144.81	145.41	*	ABL
WILMINGTON	W4VNK	146.13	146.73	*	AB
WILMINGTON	K4GMP	146.22	146.82	*	BL
WILMINGTON	KM4GN	147.735	147.135	*	
WILMINGTON	N4CTJ	147.78	147.18	N	AL
WILSON	WB4THL	146.16	146.76	*	AB
WILSON	WA4UQC	147.90	147.30	*	
WINSTON-SALEM	W4NC	146.04	146.64	*	ABL
YADKINVILLE	N4YSB	146.415	147.015	*	
YAUPON BEACH	W4RPC	146.07	146.67	*	

220 MHZ

ANDREWS/ROBBINSV	K4AIH	223.28	224.88	*	BLT
ASHEVILLE	WB4PLA	223.00	224.60	*	
ASHVL/MT PISGAH	WA4BVW	222.66	224.26	*	
BALD CREEK	N1BEC	222.52	224.12	N	
CANTON	N4DWU	223.22	224.82	*	P
CHARLOTTE	W4BFB	222.80	224.40	*	
CHERRYVILLE	K4JTX	223.36	224.96	*	P
EDEN	WA4WGY	223.18	224.78	*	ABELR
FAYETTEVILLE	W4EHF	222.96	224.56	*	L
GOLDSBORO	AA3CH	223.36	224.96	*	ELPT156.7
GREENSBORO	WB4WOR	222.54	224.14	*	K
GREENSBORO	AD4BX	223.22	224.82	*	AR
GRIFTON	WA4DAN	223.24	224.84	*	L
GRIMESLAND	WB4PAC	222.76	224.36	*	
HENDERSONVILLE	N4UQS	223.36	224.96	N	
HENDSVL/BERWLW	MWA4KNI	222.64	224.24	*	
HILLSBOROUGH	WA4WTX	222.66	224.26	*	L
JACKSONVILLE	KA4SQN	222.72	224.32	*	C
LENOIR/HIBRITN	KN4K	222.56	224.16	*	
LK NORMN/CLT	WB4KPF	223.08	224.68	N	
LOCUST	WA4ZIA	222.88	224.48	*	PL
MARS HILL	WB4PLA	223.06	224.66	*	L
MARSHALL	KA4TYO	222.76	224.36	N	
MORGANTON	WB4PML	223.20	224.80	N	
MT MITCHELL	WA4BVW	222.94	224.54	*	
OXFORD	AC4UO	223.14	224.74	N	
RALEIGH	WA4PEN	223.04	224.64	*	O LP
RALEIGH	W1IFL	223.32	224.92	*	C
ROCKY MOUNT	NF4C	222.62	224.22	*	AR
#ROCKY MOUNT	KR4AA	222.98	224.58	*	UNCOORD.
SALISBURY	W4EXU	223.16	224.76	*	L
SAURATOWN MT	WA4YHH	222.98	224.58	*	
SAURATOWN MT	W4RXG	223.10	224.70	*	OY
SAURATOWN MT	W4RXG	223.28	224.88	*	O
SAURATOWN MT	WA4WTB	223.36	224.96	*	
SHELBY	W4NYR	222.46	224.06	*	
SHELBY	KC4ZTJ	222.86	224.46	*	P
STATESVILLE	WA4PVI	222.70	224.30	N	
SUNSET BEACH	AC4AM	223.06	224.66	*	A
THOMASVILLE	K4AZA	222.74	224.34	*	LA
TRENTON	WA4DAN	223.12	224.72	*	
WENDELL	KD4WJD	223.20	224.80	N	PROPOSED
WILMINGTON	KM4GN	222.60	224.20	*	RPT
WILMINGTON	K4YNY	222.90	224.50	N	LR
WINSTON-SALEM	WA4YHH	223.04	224.64	*	RP

440 MHZ

AHOSKIE	WB4YNF	449.20	444.20	N	T
ANDREWS/ROBBINSV	K4AIH	448.65	443.65	*	BLT
APEX/RALEIGH	W4DW	449.95	444.95	*	O A
ARCHDALE	KC4SVQ	448.30	443.30	N	AR
ASHEBORO	KQ4ML	449.975	444.975	*	
ASHEVILLE	N4DWT	449.90	444.90	*	
AUBURN	N4ZCM	447.275	442.275	*	
BAKERSVILLE	KM4GR	447.75	442.75	*	C
BALD CREEK	N1BEC	449.875	444.875	N	
BOONE/RICH MTN	WA4PXV	448.575	443.575	*	BLR
BOSTIC	KC4YOQ	449.125	444.125	*	O
BURLINGTON	AC4DZ	448.025	443.025	*	AT107.2
#CHAPEL HILL	KZ1X	448.475	443.475	*	UNCOORD.
CHARLOTTE	W4PPN	439.25	421.25	N	V
CHARLOTTE	KD4OWV	448.95	443.95	N	
CHARLOTTE	W4CQ	449.45	444.45	*	B
CHARLOTTE	W4BFB	449.60	444.60	*	
CHARLOTTE	K4DIL	449.675	444.675	N	
CHARLOTTE	W4CQ	449.85	444.85	*	B
CROWDERS MTN	KD4FRP	448.675	443.675	N	
DALLAS/CHARLOTTE	WA1WXL	449.95	444.95	*	BLT136.5
DENVER/CLT	KA4YMY	449.70	444.70	N	BL
DURHAM	WA4WTX	449.10	444.10	*	AL
EDEN	WA4WGY	448.975	443.975	*	L
FAYETTEVILLE	WB4YZF	449.40	444.40	*	
FOREST CITY	KC4YOQ	449.40	444.40	*	B
G'BORO/H'POINT	WD4PQZ	448.50	443.50	N	ABLRT77.0
GASTONIA	WB4VTE	449.55	444.55	N	
GASTONIA/CROWDER	KC4YOT	448.75	443.75	*	ABELR
GASTONIA/CROWDER	N0IZF	449.15	444.15	*	ABELR
GASTONIA/CROWDER	N0IZF	449.75	444.75	*	ABELR
GIBSONVILLE	AC4DZ	449.35	444.35	*	T107.2
GOLDSBORO	AA3CH	448.05	443.05	*	ELT156.7
GRAINGERS	WD6GMO	448.25	443.25	N	T
#GREENSBORO	KO4AT	439.25	421.25	*	UNCOORD.
GREENSBORO	WG4R	447.725	442.725	N	PROPOSED
GREENSBORO	WB4WOR	449.30	444.30	*	BEP
GREENSBORO	KD4DNY	449.475	444.475	N	PROPOSED
GREENVILLE	AI4J	449.80	444.80	*	
#HAMLET	WA4ZIA	448.20	443.20	*	UNCOORD.
HAW RIVER	KD4JFN	448.775	443.775	*	ABERT107.2
HENDSVL/BERWLW	MWA4KNI	449.25	444.25	*	
HICKORY	K4JEQ	449.00	444.00	N	
HIGH POINT	N4LXW	448.70	443.70	N	
HIGH POINT	KB4JIF	448.90	443.90	*	B
HIGH POINT	AC4DZ	449.025	444.025	*	AT107.2
JACKSONVILLE	KA4SQN	449.675	444.675	*	C
KANNAPOLIS	N4JEX	448.25	443.25	*	
KANNAPOLIS	N4JEX	448.35	443.35	N	PROPOSED
KING/SAURATOWN	MWA4YHH	449.775	444.775	*	T103.5
KINSTON	N4HAJ	449.575	444.575	N	
LAKE GASTON	KF5TU	447.35	442.35	N	PROPOSED
LEXINGTON	WD4ICX	449.50	444.50	N	
LOCUST	WA4LBT	448.70	443.70	*	PL
LUMBERTON	WB4DVN	449.625	444.625	N	B
#MARSHALL	KC4KPW	447.00	442.00	N	UNCOORD.
#MARSHALL	KC4KPW	448.00	443.00	N	UNCOORD.
MIDDLESEX	NE4J	449.65	444.65	*	BL
MORG. WALKER TOPN	4OOC	447.30	442.30	N	ABL
MT AIRY/FSH PK	KF4UY	449.825	444.825	*	ABLRT100.0
MT MITCHELL	N4DWU	448.60	443.60	*	
MT. AIRY	N4XRY	449.925	444.925	*	
MURPHY	N4USU	447.60	442.60	N	T151.4
NEW BERN	WD4JMS	449.90	444.90	*	B
OXFORD	AC4UO	449.60	444.60	N	
PIKEVILLE	KK4YP	448.00	443.00	*	C
PINEY KNOB	KC4KPW	448.875	443.875	*	T123.0
PITTSBORO	WB4MMY	447.55	442.55	*	PT
PITTSBORO	KD4JFN	449.75	444.75	*	ABERT107.2
POLKVILLE	KC4ZTJ	449.975	444.975	*	P
RALEIGH	N4BEA	447.15	442.15	N	L
RALEIGH	N4LMR	447.45	442.45	N	P
RALEIGH	WA4NNA	448.125	443.125	*	A
RALEIGH	N4ZCM	448.225	443.225	*	BPT
RALEIGH	W1IFL	448.375	443.375	*	
RALEIGH	WA4PEN	449.525	444.525	*	PL
RALEIGH	W4ATC	449.775	444.775	N	
#RATTLESNAKE MTN	KC4IEV	448.30	443.30	*	UNCOORD.
REIDSVILLE	K4YEC	449.80	444.80	*	
#RESEARCH TRI PK	KD4IHW	449.675	444.675	*	UNCOORD.
ROANOKE RAPIDS	KK4VM	449.55	444.55	N	A
ROARING GAP	KC4XE	448.55	443.55	*	L
ROCKY MOUNT	N4JEH	449.70	444.70	*	BP
#ROCKY MT.	WB4WAA	449.00	444.00	N	UNCOORD.
SALISBURY	W4HG	448.15	443.15	N	ABT
SALISBURY	K0SD	449.575	444.575	N	A
SALISBURY	N4MME	449.65	444.65	*	AT
SAURATOWN MT	N4GGC	448.10	443.10	*	L
SAURATOWN MT	WB4GUG	448.40	443.40	*	T107.2
SELMA	KK4YP	449.00	444.00	*	BP
#SHELBY	W4NYR	439.25	427.25	*	UNCOORD.
#SHELBY	W4NYR	449.325	444.325	*	UNCOORD.
STATESVILLE	N4VOZ	448.45	443.45	N	O A
SUNSET BEACH	AC4AM	447.625	442.625	*	
TAYLORSVL/BARR MK	4OLC	449.05	444.05	*	BC
THOMASVILLE	K4AZA	447.90	442.90	*	L
WENDELL	KD4WJD	447.40	442.40	N	PROPOSED
WEST JEFFERSON	WA4PXV	447.375	442.375	*	C
WILKESBORO	KE4DGP	449.525	444.525	N	PROPOSED
WILLIAMSTON	KA4KNU	449.30	444.30	N	A
WILMINGTON	KM4GN	447.20	442.20	*	RPT
WILMINGTON	K4YNY	447.500	442.500	N	ALR
WILMINGTON	KM4GN	449.20	444.20	*	
WILMINGTON	K4GMP	449.85	444.85	*	B
WILSON	NE4J	449.90	444.90	*	BL
WINSTON-SALEM	W4NC	449.275	444.275	*	C
WINSTON-SALEM	N4QDK	449.725	444.725	N	ABRT107.2
YADKINVILLE	N4AAD	447.80	442.80	*	A
YANCEYVILLE	N4VWK	449.225	444.225	N	A
YAUPON BEACH	W4RPC	448.40	443.40	*	C
YOUNGSVILLE	KD4BFI	449.25	444.25	N	

1270 MHZ

CHARLOTTE	KA4YMY	1271.95	1291.95	N	
#CHARLOTTE	W4PPN	1277.25	1253.25	N	UNCOORD.
GASTONIA/CROWDER	N0IZF	1272.82	1292.82	*	ABELR
SAURATOWN MTN	KB4SXY	1271.40	1291.40	*	PROPOSED

SOUTH CAROLINA REPEATERS

10 METERS

RKY RDG/WALLACE	KA4ABW	29.60	RMT.BS	*	R

6 METERS

GILBERT	KC4GYM	52.27	53.27	*	PROPOSED
PICKENS	WB4YXY	52.41	53.41	N	

2 METERS

AIKEN	W4TUN	144.57	145.17	N	A
AIKEN	N4ADM	147.885	147.285	N	P
ANDERSON	N4SZ	146.37	146.97	*	BP
ANDERSON/SAS MT	W4FVV	146.19	146.79	*	B
AWENDAW	K4ESG	146.16	146.76	N	BPT
AWENDAW	K4ESG	147.90	147.30	N	PT103.5
BAMBERG	WA4DFP	144.73	145.33	N	
BARNWELL	WA4FOF	147.63	147.03	*	B
BEAUFORT	KB4GY	144.71	145.31	*	
BEAUFORT	KB4RRC	146.055	146.655	N	PROPOSED
CANADYS	KC4NXU	144.79	145.39	N	PROPOSED
CHARLESTON	WA4USN	144.65	145.25	*	
CHARLESTON	WA4USN	146.19	146.79	*	
CHARLESTON	KC4UDD	146.235	146.835	*	ABL
CHARLESTON	KD4PBC	146.34	146.94	N	BL
CHARLESTON	WB4LET	147.87	147.27	N	PL
CHERAW	KA4ABW	147.735	147.135	N	AE
CHESTER	AC4IP	146.025	146.625	N	CLOSED-T
COLUMBIA	WB4NEP	146.115	146.715	N	P
COLUMBIA	KC4GYM	146.175	146.775	*	BLPT156.7
COLUMBIA	N4NUY	147.93	147.33	N	
COLUMBIA	N4EOY	147.96	147.36	N	L
DILLON/PEE DEE	NN4N	146.145	146.745	*	
ELLOREE	KC4WIF	146.01	146.61	*	ABT118.8
FLORENCE	W4ULH	146.25	146.85	N	A
FLORENCE	WA4ISM	146.37	146.97	*	A

MORE SOUTH CAROLINA REPEATERS

FLORENCE	W4PNZ	147.795	147.195	N	B
FORT MILL	AA4SC	147.78	147.18	*	
GAFFNEY	KN4RG	144.87	145.47	*	B
GASTON	WB4NEP	144.61	145.21	N	P
GEORGETOWN	WD4JMT	147.975	147.375	N	
GILBERT	KC4GYM	144.83	145.43	*	BLPT156.7
GREENVILLE	W4IQQ	146.34	146.94	*	T7
GREENVILLE	K4LEO	147.975	147.375	N	T
GREENWOOD	K4VIA	147.765	147.165	*	BP
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	*	
GRNVLE/PARIS MT	W4NYK	146.22	146.82	*	P
HILTON HEAD	W4ILN	147.84	147.24	*	
INMAN	WD8OXE	144.55	145.15	*	P
LANCASTER	W4PAX	146.10	146.70	*	P
LANCASTER	AC4VT	147.84	147.24	N	
LAURENS	KB4YF	146.265	146.865	*	T107.2
LEXINGTON	KD4KAO	147.93	147.33	N	PROPOSED
LEXINGTON	KA4FEC	147.99	147.39	*	B
LITTLE MT	K4AVU	147.81	147.21	N	
LYCKWOW/BISHOPVL	KA4ABW	146.325	146.925	*	PROPOSED
MARION	W4YLT	146.40	147.00	N	E
MONCKS CORNER	WD4NUN	147.75	147.15	N	PROPOSED
MYB BCH/BRKSVIL	AC4AM	147.885	147.285	*	AL
MYR BCH/CONWAY	WD4JMT	144.51	145.11	*	BE
MYRTLE BEACH	WA4DDK	144.87	145.47	N	T
MYRTLE BEACH	WD4JMT	147.72	147.12	*	BER
N. AUGUSTA	K4FKJ	146.13	146.73	*	
N. MYRTLE BEACH	K4HOG	147.63	147.03	*	B
N. SPARTANBURG	N4UZT	147.915	147.315	*	ABET141.3
NEWBERRY	KB4CO	146.085	146.685	N	
ORANGEBURG	WM3O	146.205	146.805	N	C
ORANGEBURG	WB4FOH	146.28	146.88	N	ABLT118.8
ORANGEBURG	KM4RP	147.69	147.09	N	
PAGELAND/HIPOINT	KA4ABW	146.295	146.895	*	ABLR
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	*	A
ROCK HILL	AA4PF	144.71	145.31	N	PL
ROCK HILL	K4YTZ	146.43	147.03	N	P
SANTEE	W4DTW	147.825	147.225	N	AB
SENECA/LONG MT	WA4JRJ	147.87	147.27	*	BEP
SIMPSONVILLE	WD4BJY	146.13	146.73	*	
SIMPSONVILLE	WA4SDT	147.75	147.15	N	Y
SPARTANBURG	K4JLA	147.69	147.09	*	A
ST. MATTHEWS	AD4U	146.07	146.67	*	ABLRT131.8
SUMMERTON	N4LWY	144.55	145.15	N	P
SUMMERVILLE	WA4HNK	147.78	147.18	*	
SUMTER	WB4KIV	144.53	145.13	N	
SUMTER	KB4CIH	146.04	146.64	N	
SUMTER	KQ7E	147.615	147.015	N	BP
SUMTER/SHAW	W4VFR	147.66	147.06	N	A
#UNION	KI4PA	144.65	145.25	*	UNCOORD.
WEST COLUMBIA	KC4GYM	144.67	145.27	*	BLP
WHITE HALL	W4BWZ	146.31	146.91	*	B
WHITE OAK MTN	WD4MGM	147.885	147.285	N	

220 MHZ

AIKEN	W4TUN	223.36	224.96	N	TA
CHARLESTON	KA4NRL	222.58	224.18	N	BP
COLUMBIA	KC4SWI	223.04	224.64	N	BP
COLUMBIA	N4EOY	223.30	224.90	N	LR
CROSS	KB4VFD	222.98	224.58	*	CA
FLORENCE	N4JJJ	223.34	224.94	N	BP
GREENVILLE	W4ILY	222.60	224.20	*	A
LEXINGTON	KD4KAO	222.96	224.56	*	OT
LITTLE MTN	K4RWN	222.92	224.52	N	PB
ORANGEBURG	KO4BR	223.18	224.78	N	BP
PICKENS	WB4QHF	222.80	224.40	*	BP
PICKENS/CSRS HD	WB4QHF	222.54	224.14	*	LR
PICKENS/SASFR MT	KJ4X	222.72	224.32	*	B
ROPER MT/GRNVL	W4NYK	223.32	224.92	*	
SUMTER	K4GYR	223.26	224.86	*	
SUMTER/SHAW	W4VFR	223.06	224.66	N	
WEST COLUMBIA	KC4GYM	222.52	224.12	*	PROPOSED
WEST SPRINGS	KN4CW	222.84	224.44	N	BP

440 MHZ

AIKEN	W4TUN	448.40	443.40	N	TA
CHARLESTON	N4MNH	449.30	444.30	*	AB
CHARLESTON	KD4PBC	449.95	444.95	N	BL
COLUMBIA	KC4GYM	447.075	442.075	*	BT156.7
COLUMBIA	N4EOY	448.00	443.00	N	LR
EASLEY/SAS MTN	AC4RZ	449.925	444.925	N	PROPOSED
FLORENCE	N4JJJ	449.00	444.00	N	B
FORT MILL	WB4TWX	448.475	443.475	N	AB
GAFFNEY	KN4RG	449.80	444.80	*	C
GOOSE CREEK	N4CNN	434.00	421.25	N	PROPOSED
GREENVILLE	KB4PQA	447.25	442.25	*	BRP
GRNVLE/PARIS MT	ND4N	448.35	443.35	*	P
LANCASTER	N4MZL	449.10	444.10	N	A
LAURENS	KB4YF	448.775	443.775	*	BT
LEXINGTON	N4GUP	439.25	421.25	N	V
#LEXINGTON	KD4KAO	449.35	444.35	*	UNCOORD.
MYB BCH/BRKSVIL	AC4AM	449.525	444.525	*	O
MYR BCH/CONWAY	WD4JMT	449.675	444.675	*	BE
NORTH CHARLESTON	KC4UDD	449.60	444.60	*	AB
ORANGEBURG	WM3O	449.975	444.975	N	AB
PICKENS/CSRS HD	WB4QHF	447.40	442.40	*	T131.8
SUMMERVILLE	KC4OOZ	447.30	442.30	*	BR
#SUMMERVILLE	WA4HNK	448.80	443.80	*	UNCOORD.
SUMTER	WA4UMU	439.25	423.25	N	V
SUMTER	K4GYR	449.50	444.50	*	P
WEST COLUMBIA	KC4GYM	449.20	444.20	*	BLPT156.7

TENNESSEE REPEATERS

10 METERS

GREENEVILLE	WB4NKM	29.54	29.64	*	
JACKSON	NQ4W	29.54	29.64	N	C
MEM/FISHERVILLE	N4DRL	29.58	29.68	*	ALR
MEMPHIS	W4JJM	29.52	29.62	N	BLT*#
NASHVILLE	WA4BJU	29.54	29.64	N	TLO
UNION CITY	WA4YGM	29.56	29.66	N	O

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	WA4UCE	52.19	53.19	N	
GALLATIN	WD4KWP	52.45	53.45	N	L
GREENEVILLE	WB4NKM	52.01	53.01	*	
GUTHRIE (TN/KY)	KA4ZKL	52.23	53.23	N	
KNOXVILLE	WA4YON	52.25	53.25	N	
KNOXVILLE	N4UAG	52.35	53.35	N	PROPOSED
KNOXVILLE	KD4JGT	52.55	53.55	N	PROPOSED
KNXVL/ENG MT	WB4IOB	52.15	53.15	*	A
MCNAIRY	NU5O	52.35	53.35	*	ELT107.2
MEM/FISHERVILLE	N4DRL	52.27	53.27	*	LRT
MEMPHIS	WA4KOG	52.01	53.01	N	
MEMPHIS	K4RDK	52.55	53.55	N	
MORRISTOWN	KD4LP	52.23	53.23	N	
NASHVILLE	N4ARK	52.525	145.21	*	BR
OAK RIDGE	WD4GYN	52.11	53.11	N	
ROAN MTN	KD4PVU	52.31	53.31	*	B

2 METERS

ALAMO	WB4EDS	147.735	147.135	N	
ALCOA	N4RYR	146.055	146.655	*	ABE
ANDERSON CTY	WB4KUD	146.10	146.70	N	AB
ATHENS	WA4PNI	144.71	145.31	*	T141.3
BENTON	K4SIR	144.85	145.45	N	T
BLOUNTVILLE	WA4KMG	147.60	147.00	N	B
BRISTOL	WB4DKI	146.07	146.67	*	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN MT	K4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43	N	PL
BROWNSVILLE	K4OKV	146.055	146.655	N	AB
BRUCETON	NU5O	144.57	145.17	*	BLT107.2
CARTHAGE	N4OTT	144.59	145.19	*	
CHARLESTON	KD4LDU	146.46	147.06	*	BEPT141.3
CHATT/SIGNAL MT	W4AM	146.055	146.655	N	O
CHATTANOOGA	K4CMY	144.53	145.13	*	
CHATTANOOGA	K4VCM	144.69	145.29	*	
CHATTANOOGA	W4AM	144.79	145.39	*	A
CHATTANOOGA	K4CMY	146.01	146.61	*	
CHATTANOOGA	W4AM	146.19	146.79	*	A
CLARKSVILLE	WD4SGA	147.60	147.00	N	
CLARKSVILLE	AA4TA	147.99	147.39	N	A
CLEVELAND	W4GZX	146.325	146.925	*	PROPOSED
CLEVELAND	KD4NEB	147.705	147.105	N	PROPOSED
CLEVELAND	WD4DES	147.78	147.18	N	A
COLLEGEDALE	KE4QS	147.60	147.00	*	BP
COLLIERVILLE	NU5O	144.53	145.13	*	BLT107.2
COLLINWOOD TN	KM4ME	146.055	146.655	N	
COLUMBIA	WA4ZYX	147.72	147.12	*	AB
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	WA4UCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	*	AER
COVINGTON	WA4KOG	144.85	145.45	N	PR
COVINGTON	WA4VXW	147.93	147.33	N	PLK
CROSSVILLE	AC4AA	146.265	146.865	*	B
CUMBERLAND CITY	WD4DBJ	144.73	145.33	*	
DAYTON	K4PHT	144.65	145.25	N	
DAYTON/RHEA CTY	WA4VEU	147.99	147.39	*	B
DECATUR-PONE KB	W4RJC	144.55	145.15	N	
#DICKSON	KN4HL	147.975	147.375	*	UNCOORD.
DOVER	N4VIH	144.81	145.41	*	
DYERSBURG	WB4RCK	146.145	146.745	N	
ERWIN/PINNACLE	N4WXS	144.65	145.25	*	ABER PR
ERWIN/UNICOI CO.	AC4QF	147.765	147.165	*	BP
FAYETTEVILLE	KO4G	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	BP
FRANKLIN	W4XS	144.55	145.15	*	
FRUITLAND	NU5O	146.175	146.775	*	BLT107.2
GALLATIN	N4SSB	144.53	145.13	N	T107.2
GALLATIN	WD4BKY	147.84	147.24	*	BLT114.8
GALLATIN	WA4YQC	147.87	147.27	*	BLPT114.8
GERMANTOWN	KA4ATI	147.69	147.09	N	
GOODLETTSVILLE	KC4PRD	146.385	146.985	N	PROPOSED
GRAND JUNCTION	N4DRL	147.63	147.03	*	
GRANDJUNCTION	N4DRL	146.43	147.03	*	
GRAY	WD4SBX	144.51	145.11	*	T103.5
GREENBRIER	WQ4E	147.675	147.075	N	B
GREENEVILLE	K4EPC	144.79	145.39	*	B
GREENEVILLE	WB4NKM	144.81	145.41	*	
GRNVLE/VIKING MTK	B4UG	147.66	147.06	N	R
GTLBG/COVE MTN.	WA4KJH	146.25	146.85	N	LE
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805	N	
HENDERSON	K4TC	147.705	147.105	N	PE
HENDERSONVILLE	WB4WZK	144.67	145.27	*	PT
HENDERSONVILLE	K4UVH	147.945	147.345	N	
HOHENWALD	KE4KO	144.85	145.45	N	
HUMBOLDT	NQ4Y	144.75	145.35	N	AL
JACKSON	WB7BOX	144.51	145.11	N	AL
JACKSON	KF4SC	144.71	145.31	*	A
JACKSON	W4WKZ	147.81	147.21	*	A
JAMESTOWN	K4NLP	147.69	147.09	*	T100.0
JASPER	KD4XX	144.59	145.19	*	A
JOHNSON CITY	W4ABR	146.19	146.79	*	BP
JOHNSON CITY	KE4FH	147.87	147.27	N	A
JOHNSON CITY/HOLW	B4SQC	144.69	145.29	*	BP
KNGSPT/BAYS MT	W4TRC	146.37	146.97	*	BP
KNOXVILLE	KN4QB	144.51	145.11	N	
KNOXVILLE	WB4GBI	144.57	145.17	*	
KNOXVILLE	W4BBB	144.61	145.21	*	A
KNOXVILLE	WA4TEM	144.73	145.33	*	ABER
KNOXVILLE	WA4GZE	144.77	145.37	N	
KNOXVILLE	N4IUA	144.83	145.43	N	
KNOXVILLE	WB4GBI	144.87	145.47	*	
KNOXVILLE	WB4GBI	146.025	146.625	*	
KNOXVILLE	WB4GBI	146.34	146.94	*	
KNOXVILLE	KA4AZQ	146.40	147.00	N	BT100.0
KNOXVILLE	WB4GBI	147.675	147.075	*	A
KNOXVILLE	KA4AZQ	147.795	147.195	N	BT100.0
KNOXVILLE	W4BBB	147.90	147.30	*	
KNXVL/ENG MT	WB4IOB	146.13	146.73	*	
LAFAYETTE	KC4ECD	144.71	145.31	*	ET151.4
LAFOLLETTE	KA4OAK	144.53	145.13	N	A
LAFOLLETTE	KA4OAK	147.96	147.36	N	
LAFOLLETTE/WMT	K4BGW	146.07	146.67	*	
LAKE CITY	WB4OAH	146.22	146.82	N	A
LAVERNE	KJ4RA	144.63	145.23	N	
LEBANON	WB4DOR	144.79	145.39	N	
LEBANON	WD4JVV	147.615	147.015	N	
LEBANON	N4IDG	147.705	147.105	*	PROPOSED
LEXINGTON	WD4MVR	146.43	147.03	N	
MANCHESTER	W4UOT	146.10	146.70	*	AL
MARTIN	N4ABU	146.025	146.625	*	A
MAYNARDVILLE	KB4KIE	144.63	145.23	N	E
MCMINNVILLE	WD4MWQ	146.37	146.97	N	P
MCMINVL/SHT MT	WB4LHO	144.89	145.49	*	
MCNAIRY	NU5O	147.675	147.075	*	BLT107.2
MEDINA	WA4RWK	146.37	146.97	N	AB
MEM/FISHERVILLE	N4DRL	144.73	145.33	*	ABL
MEMPHIS	KOJXI	144.55	145.15	N	
MEMPHIS	KA0BRN	144.57	145.17	N	ALT
MEMPHIS	WA4KOG	144.89	145.49	N	
#MEMPHIS	WB4KQQ	146.04	146.64	N	UNCOORD.
MEMPHIS	N4DON	146.13	146.73	*	
MEMPHIS	WA4HBY	146.19	147.51	N	NBT
MEMPHIS	W4BS	146.22	146.82	N	P
MEMPHIS	WA4KOG	146.25	146.85	N	A
MEMPHIS	WA4ETE	146.28	146.88	*	AL
MEMPHIS	N4BSM	146.34	146.94	*	A
MEMPHIS	W4ZJM	146.40	147.00	N	BLT*#
MEMPHIS	WA4MQQ	147.66	147.06	N	
MEMPHIS	N4WAH	147.72	147.12	*	PT
MEMPHIS	WA4KOG	147.78	147.18	N	
MEMPHIS	WA4ADT	147.90	147.30	N	PL
MEMPHIS	W4BS	147.96	147.36	N	PR
MORGAN COUNTY	WD4OR8	147.93	147.33	*	
MORRISTOWN	KD4LP	144.85	145.45	N	B
MORRISTOWN	KD4LP	147.63	147.03	N	E
MORRISTOWN	WB4OAH	147.825	147.225	N	A
MOUNTAIN CITY	WD4OMO	144.87	145.47	N	
MURFREESBORO	WB4LHO	144.57	145.17	*	
#MURFREESBORO	N4ARK	147.915	147.315	*	UNCOORD.
NASHVILLE	N4ARK	144.61	145.21	*	BLR
NASHVILLE	N4ARK	144.61	52.525	*	BLR
NASHVILLE	N4ARK	144.87	145.47	*	BP
NASHVILLE	WA4PCD	146.01	146.61	N	P
NASHVILLE	W4PQP	146.16	146.76	N	
NASHVILLE	W4SQE	146.19	146.79	*	
NASHVILLE	W4AY	146.25	146.85	*	PT114.8
NASHVILLE	WA4PCD	146.28	146.88	*	PT114.8
NASHVILLE	WA4PCD	146.34	146.94	N	
#NASHVILLE	KJ4ZQ	147.615	147.015	*	UNCOORD.
NASHVILLE	K4AYN	147.645	147.045	N	
NASHVILLE	WA4PCD	147.75	147.15	N	
NASHVILLE	K4ZGA	147.78	147.18	*	ABT114.8
NASHVILLE	WA4BZU	147.855	147.255	N	TP
NASHVILLE	WB4ZSA	147.90	147.30	N	P
NASHVILLE	WB4NTM	147.96	147.36	*	ATL

SERA REPEATER SYMBOLS

*	Full Member Supporter	M	T-MARC Terr. Repeater
D	Delinquent Membership	NB	Not on SERA Freq. Plan
N	Non-Member SERA	O	Off the Air Temporarily
A	Autopatch (Open)	P	Private Autopatch
B	Emergency Power	R	Remote Base System
C	Under Construction	T	Tone Accessed
E	Emergency Autopatch	V	Television (SSTV/ATV)
K	Packet Operation	Y	RTTY Operation
L	Linked Repeater		

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.
Entries with "#" in front of the city indicate repeaters added to this index that have not been coordinated through the local SERA state coordinator. Work with your coordinator to get this indicator removed.

MORE TENNESSEE REPEATERS

NASHVILLE W	WB4NTM	146.04	146.64	*	AT
NASHVILLE W	WB4NTM	146.07	146.67	*	ATL
NASHVLE/FAIRVIEW	N4ARK	144.51	145.11	*	B
NOLENSVILLE	WD4JYD	144.75	145.35	*	BEP
OAK RIDGE	W4SKH	146.28	146.88	*	
OAK RIDGE	W4SKH	146.37	146.97	*	A
OAK RIDGE	K4EAJ	147.72	147.12	*	
OAK RIDGE	K4EAJ	147.75	147.15	*	LT
OAKFIELD	WA4BJY	147.99	147.39	N	PRT
OLIVER SPRINGS	AA4UP	146.145	146.745	*	
PARIS	K4KLX	147.96	147.36	N	A
PETROS/FRZ HD MT.	KJ4SI	147.855	147.255	*	BERPT94.8
PIKEVILLE	K4PUX	147.885	147.285	*	
PINSON	WB0TMC	147.87	147.27	*	C
POCAHONTAS	WB4MMI	144.65	145.25	N	O
PULASKI/MUSIC MT.	WB4OYG	146.175	146.775	N	E
PURYEAR	WA4CEX	147.765	147.165	N	
RAMER	WB4MMI	146.10	146.70	N	BT94.8
RIDGETOP	WD4FFM	144.69	145.29	N	
ROCKWOOD/MT ROOKA	4QYI	146.04	146.64	*	
ROCKWOOD/MT ROOS	AA4KS	147.615	147.015	*	ABER
ROGERSVILLE	KD4HZN	147.915	147.315	N	E
SALTILLO	KB4JUB	146.115	146.715	*	
SAVANNAH	WB4DQU	146.31	146.91	N	
SEV/SHIELDS MT	N4CJX	144.67	145.27	N	
#SHELBYVILLE	KC4KRM	144.53	145.13	N	UNCOORD.
#SHELBYVILLE	N4VFB	147.66	147.06	N	UNCOORD.
SHORT MTN	W4YXA	146.31	146.91	N	
SMITHVILLE	KI4OG	144.77	145.37	N	ALT
SPRING HILL	NW4E	144.85	145.45	N	A
SULPHUR SPRINGS	WD4OBW	146.325	146.925	*	L
TRENTON	KN4KP	146.265	146.865	N	AE
UNION CITY	WA4YGM	146.10	146.70	N	A
UNION CITY	WA4YGM	147.615	147.015	N	OAR
WALLAND	KB4PIO	146.085	146.685	N	BP
WATERTOWN	KD4EHL	146.13	146.73	N	T100.0
WATERTOWN	N4IDG	146.235	146.835	*	LP
WINCHESTER	AB4SW	146.22	146.82	*	A

220 MHZ

BLOUNTVILLE	WA4KMG	222.60	224.20	N	B
BROWNSVILLE	KB4YTU	222.60	224.20	N	PL
CHATT/SIGNAL MT.	WA4ZOK	223.30	224.90	N	
CHATTANOOGA	K4VCM	223.18	224.78	*	
CLARKSVILLE	KF4GP	222.34	223.94	N	
CLEVELAND	KK4US	222.72	224.32	N	AB
COLLIERVILLE	KB4YGI	222.80	224.40	N	PL
COLUMBIA	KE4KO	223.12	224.72	N	
DAYTON	K4PHT	223.24	224.84	N	PROPOSED
FISHERVILLE	N4DRL	223.28	224.88	*	AL
FRANKLIN	WD4SGS	222.54	224.14	N	
GALLATIN	WB4ZSA	222.38	223.98	N	
GALLITAN	KD4GON	223.10	224.70	N	PROPOSED
GRAY/HOLSTON MT	NWD4SBX	223.30	224.90	*	T103.5
GREENBRIAR	WQ4E	223.20	224.80	N	AB
GREENBRIER	WQ4E	223.16	224.76	N	
GREENEVILLE	WB4NKM	223.34	224.94	*	ABR
HERMITAGE	WB4RAB	222.30	223.90	N	
JC/BUFFALO MT	WA4UCI	223.18	224.78	N	
JONESBOROUGH	WD4OBW	222.92	224.52	*	ALB
KNOXVILLE	N4OQJ	222.78	224.38	*	T100.0
KNOXVILLE	WA4YON	222.86	224.46	N	
KNOXVILLE	W4BBB	222.90	224.50	*	
KNOXVILLE	N4KFI	222.98	224.58	N	B
KNXVL/CROSS MT.	KB4FZK	222.62	224.22	*	BT100
LAFOLLETTE	KA4OAK	222.68	224.28	N	
LAVERGNE	KJ4RA	223.36	224.96	N	
MEM/FISHERVILLE	N4DRL	222.90	224.50	*	AL
MEMPHIS	W4ZJM	222.34	223.94	N	BLT*#
MEMPHIS	W4BS	222.82	224.42	N	L
MEMPHIS	WA4KOG	223.18	224.78	N	
MORRISTOWN	N4RBB	222.80	224.40	N	AB
MORRISTOWN	KC4RGQ	223.04	224.64	*	ABL
NASHVILLE	WB4NTM	222.48	224.08	*	
NASHVILLE	WR3S	222.56	224.16	N	ABRL
NASHVILLE	KB4ZOE	222.76	224.36	*	AR
NASHVILLE	KI4OG	222.84	224.44	N	AERT
NASHVILLE	K4ZGA	222.88	224.48	*	O A
NASHVILLE	WR3S	223.06	224.66	N	ALR
#NASHVILLE	N4PYI	223.14	224.74	*	UNCOORD.
NASHVILLE	KC4PRD	223.24	224.84	N	PROPOSED
NASHVILLE	WA4PCD	223.34	224.94	N	T
OAKFIELD	KJ5CO	223.08	224.68	N	O
SEVIERVILLE	N2FUV	222.84	224.44	N	PT
SEVIERVILLE	KD4IBW	223.10	224.70	*	BL
SEVIERVILLE	KD4IBW	223.20	224.80	N	PROPOSED
SHORT MTN	KE4NP	222.66	224.26	*	LRT114.8
SPRINGFIELD	KO4BN	222.62	224.22	N	ABER

440 MHZ

ALAMO	WB4EDS	448.75	443.75	N	L
BARTLETT	WA4DOR	448.70	443.70	*	T107.2
BARTLETT	WA4PAJ	449.25	444.25	N	
BENTON/BEAN MT.	K4SIR	449.95	444.95	N	T
BETHPAGE	KC4YCR	447.20	442.20	N	
BLUFF CITY	WB4RAV	449.725	444.725	N	BCO
BRISTOL/HLST MT	K4LSP	449.50	444.50	N	A
BROWNSVILLE	KB4YTU	449.20	444.20	N	PL
BROWNSVILLE	KB4YTU	449.45	444.45	N	CPL
CARTHAGE	N4OTT	448.725	443.725	*	
CHATTANOOGA	WJ9J	447.15	442.15	N	ABELR
CHATTANOOGA	N4JSR	447.325	442.325	N	
CHATTANOOGA	W4AM	449.10	444.10	*	A
CHATTANOOGA	WB4LRD	449.875	444.875	N	
CLARKSVILLE	WA4BZU	449.325	444.325	*	O T107.2
CLARKSVILLE	KF4GP	449.95	444.95	N	ABT167.9
CLEVELAND	WD4DES	447.25	442.25	N	
CLEVELAND	KD4NEB	447.45	442.45	N	AB
CLEVELAND	W4GZX	449.275	444.275	*	C AB
CLEVELAND/BEAN MT	KA3SWI	447.025	442.025	N	ELRP
COLUMBIA	WA4BGK	449.925	444.925	*	T107.2
COOKEVILLE	N4UBR	447.30	442.30	N	B
COOKEVILLE	NQ4Y	449.55	444.55	N	
CUMBERLAND CITY	WD4DBJ	448.40	443.40	*	PT
DAYTON	KN4VY	447.075	442.075	N	ELP
DEASON	WA4AWI	448.35	443.35	*	PROPOSED
DOVER	N4VIH	449.925	444.925	*	
ETHRIDGE	AB4UP	449.075	444.075	*	ARBLT107.2
FAYETTEVILLE	KC4GPM	448.10	443.10	*	O
FISHERVILLE	N4DRL	449.30	444.30	*	ABEL
FRANKLIN	N4ULM	448.85	443.85	N	
FRANKLIN	WA4AKM	449.725	444.725	*	LT107.2
GALLATIN	N4SSB	447.60	442.60	N	BLT107.2
GALLATIN	WD4BKY	449.00	444.00	*	BLT107.2
GALLATIN	WD4BKY	449.35	444.35	*	LPT114.8
GALLATIN	WD4KWP	449.45	444.45	N	
GALLATIN	WA4AKM	449.775	444.775	*	LT107.2
GATLBG/COVE MT.	WA4KJH	448.30	443.30	N	L
GRAY/HOLSTON MT	WD4SBX	447.20	442.20	*	T103.5
GREENBRIER	WQ4E	449.25	444.25	N	
GREENEVILLE	WB4NKM	449.65	444.65	*	T100.0
GRNVLE/VIKING MT	KB4UG	448.20	443.20	N	C
HENDERSON	K4TC	449.75	444.75	N	P
JACKSON	WB4EPG	447.80	442.80	N	A
JACKSON	WB7BOX	449.875	444.875	N	PERLT
JAMESTOWN	KC4MJN	448.625	443.625	*	
JASPER	KD4XV	447.05	442.05	*	O
JOHNSON CITY	KE4FH	449.10	444.10	N	PROPOSED
JOHNSON CITY/HOL	WB4SQC	448.425	443.425	*	
KNOXVILL/ENG MT	NWB4HAP	449.60	444.60	*	
KNOXVILLE	WA4NTZ	447.50	442.50	N	
KNOXVILLE	N4UAG	448.025	443.025	N	PROPOSED
KNOXVILLE	KC4NNN	449.175	444.175	N	A
KNOXVILLE	WB4GBI	449.30	444.30	*	
KNOXVILLE	KC4NNN	449.425	444.425	N	B
KNOXVILLE	KB4KSL	449.50	444.50	N	AO
KNXVL/CROSS MTN	N4UAG	448.075	443.075	N	BT
LAFAYETTE	KC4ECD	449.125	444.125	*	RT107.2
LAFOLLETTE	KB4OTK	448.70	443.70	*	PROPOSED
LEBANON	WA4AWI	448.275	443.275	*	PROPOSED
LEBANON	N4IDG	448.575	443.575	*	PROPOSED
LEBANON	WA4AXH	449.275	444.275	*	T
MARYVILLE	KC4PDQ	449.075	444.075	*	ABER
MC/MINNVILLE	WD4MWQ	449.85	444.85		
#MC/MINNVILLE/HF.	WD4MWQ	449.65	444.65	N	UNCOORD.
MCNAIRY	NU5O	449.55	444.55	*	CLOSED
MEDINA	WA4BJY	447.05	442.05	N	AL
MEMPHIS	W4EM	434.00	421.25	*	V
MEMPHIS	WB4EPG	447.625	442.625	N	
MEMPHIS	WF4G	447.825	442.825	N	
MEMPHIS	W4ZJM	448.00	443.00	N	BT*#
MEMPHIS	KA4JXT	448.10	443.10	*	T107.2
MEMPHIS	W4BS	448.20	443.20	N	
MEMPHIS	WA4QWW	448.40	443.40	N	A
MEMPHIS	WA4KOG	448.80	443.00	N	NB
MEMPHIS	KA5RYF	448.95	443.95	N	
MEMPHIS	KA0BRN	448.975	443.975	N	ALT
MEMPHIS	WA4ETE	449.00	444.00	*	T
MEMPHIS	K4RDK	449.025	444.025	N	
MEMPHIS	KM4QA	449.075	444.075		C
MEMPHIS	KA4JXT	449.10	444.10	*	RP
MEMPHIS	WA4KOG	449.40	444.40	N	
MEMPHIS	N4WAH	449.50	444.50	*	CLOSED
MEMPHIS	K0JXI	449.60	444.60	N	
MEMPHIS	K0JXI	449.80	444.80	N	
MEMPHIS	WB4NNE	449.95	444.95	N	O
MEMPHIS/ADAMS MK	K5FC	449.825	444.825	N	
MILAN	WD4ABJ	447.10	442.10	N	
MORRISTOWN	KA4NEX	449.20	444.20	N	
MORRISTOWN	KD4LP	449.80	444.80	N	AB
MORRISTOWN	KD4LP	449.975	444.975	N	CLOSED
NASHVILLE	KJ4ZQ	439.25	421.25	*	V
#NASHVILLE	WB4PUB	448.05	443.05	*	UNCOORD.
NASHVILLE	KI4OG	449.05	444.05	N	ALTR
NASHVILLE	WB4NTM	449.15	444.15	*	ATL
#NASHVILLE	N4ARK	449.20	444.20	*	UNCOORD.
NASHVILLE	N4ARK	449.225	444.225	*	BLFT107.2
NASHVILLE	WA4BZU	449.30	444.30	*	O T107.2
NASHVILLE	WA4BGK	449.525	444.525	N	T
NASHVILLE	WA4WCK	449.575	444.575	*	T
NASHVILLE	N4TK	449.625	444.625	*	PT107.2
NASHVILLE	WA4PCD	449.675	444.675	N	
NASHVILLE	WA4AKM	449.875	444.875	*	T107.2
NASHVILLE	WA4AKM	449.975	444.975	*	LRPT107.2
NEW DEAL	N4SSB	447.90	442.90	N	PROPOSED
OAK RIDGE	K4EAJ	449.40	444.40	*	L
OAKFIELD	WA4BJY	447.20	442.20	N	PTL
OAKFIELD	KJ5CO	449.675	444.675		O
PALMER	KD4JZI	447.65	442.65	N	PROPOSED
PARIS/GROVE HL	WA4WKS	448.50	443.50	N	
PIGEON FORGE	KD4CLA	449.35	444.35	N	PROPOSED
PULASKI	KB4TPI	439.250	421.250	N	V
PULASKI	KB4TPI	447.150	442.150	N	
RAMER	WB4MMI	449.90	444.90	N	BT
ROCKWOOD	KA4WJS	448.975	443.975	N	
SEVIERVILLE	KD4CWB	448.50	443.50	N	ABT
SEVIERVILLE	KD4IBW	448.675	443.675	*	BLR
SEVIERVILLE	KD4CWB	449.00	444.00	N	
SEVIERVILLE	KD4IBW	449.525	444.525	N	PROPOSED
SEYMOUR	KD4CWB	448.80	443.80	N	
SHELBYVILLE	KC4KRM	448.825	443.825	*	
SHORT MTN	N4OYS	449.65	444.65	*	T107.5
SMITHVILLE	N4PYI	449.825	444.825	*	T107.2
SMRYNA	KJ4RA	448.975	443.975	N	
SODDY DAISY	WJ9J	449.45	444.45	N	BELRP
WATERTOWN	KE4WA	449.40	444.40	N	O T100.0
WATERTOWN	N4IDG	449.90	444.90	*	PT100

920 MHZ

MORRISTOWN	KD4LP	908.80	920.80	N	BP
NASHVILLE	K4ZGA	910.25	923.25	*	LV

1270 MHZ

MEMPHIS	N4MW	1272.00	1292.00	*	B
NASHVILLE	W4WXJ	1272.40	1284.40	N	
NASHVILLE	KB4ZOE	1274.50	1286.50	*	ABL
NASHVILLE	KD4EEW	1277.25	439.25	N	VL

BEACONS

GREENEVILLE	WB4NKM	222.058	BEACON	* BEACON
MEMPHIS	N4MW	28.25	BEACON	*
MEMPHIS	N4MW	50.07	BEACON	*
MEMPHIS	N4MW	144.28	BEACON	*
MEMPHIS	N4ZRW	144.297	BEACON	* O
MEMPHIS	N4MW	222.055	BEACON	*
MEMPHIS	N4MW	432.395	BEACON	*
MEMPHIS	N4MW	903.252	BEACON	*
MEMPHIS	N4MW	1296.31	BEACON	*
MEMPHIS	N4MW	2304.215	BEACON	*
MEMPHIS	N4MW	3456.04	BEACON	*
MEMPHIS	N4MW	5760.04	BEACON	*

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BLUEFIELD/ONEIDA	WZ8E	29.58	29.68	N	RL
NEWPORT NEWS	WB4CTF	29.60	29.60	*	R
ROANOKE/POOR MT	WB8BON	29.54	29.64	N	CL
STERLING	KD4DN	29.58	29.68	M	MT

6 METERS

ALEXANDRIA	WA4CCF	52.13	53.13	M	ML
AMELIA COURTHSE.	KB4YKV	52.11	53.11	N	P
ARLINGTON	KI4MB	52.05	224.06	M	MCL
BEDFORD/THAX MT.	WB4DBB	52.15	53.15	*	
CENTERVILLE	KA4DCS	52.58	52.48	M	M
DANVILLE(DCC)	WB4GJG	52.13	53.13	*	
FANCY GAP	WD4ICX	52.29	53.29	*	T107.2
GATE CITY	N4WWB	52.21	53.21	*	ABL
GUM SPRINGS	KB4MIC	52.07	53.07	*	
HERNDON	WD4KHP	52.62	52.82	M	TM
LEXNGTN/ROCK MT.	KI4ZR	52.01	53.01	*	O L
RICHMOND	WB4FAX	52.43	53.43	N	
ROANOKE	WB4DBB	52.25	53.25	*	L
ROANOKE/POOR MT	WB8BON	52.09	53.09	N	CL

2 METERS

ABINGDN/BRMLY MT.	K4LSP	146.01	146.61	N	L
ABINGDON	NM4L	147.945	147.345	*	ABL
ACCOMAC	WA4TVS	147.855	147.255	*	EB
ALEXANDRIA	WB4MJF	144.55	145.15	M	M
ALEXANDRIA	WD4PDP	146.055	146.655	M	MP
ALEXANDRIA	W4HFH	147.915	147.315	M	ML
ALTAVISTA	WA4ISI	146.055	146.655	*	BEP
AMELIA COURTHSE.	KB4YKV	147.78	147.18	N	P
ARLINGTON	N4EFJ	144.87	145.47	M	M
BEAVERDAM	N4CZJ	144.65	145.25	N	BP
BEDFORD	WB4DBB	144.63	145.23	*	
BEDFORD	WB4JBJ	147.705	147.105	*	L
#BEDFORD/APL ORC	WA1ZMS	146.085	146.685	*	UNCOORD.
BLACKSBURG	AB9I	146.115	146.715	N	
BLAND	N4AZJ	144.75	145.35	*	RP
BLUEFIELD	KD8XK	144.65	145.25	*	PROPOSED
BLUEFIELD	W8MOP	144.89	145.49	*	BEP
BLUEFIELD/ONEIDA	WZ8E	146.355	146.955	N	PL
BLUEMONT	WA4TSC	147.90	147.30	M	M
BRISTOL	WD4CYZ	146.28	146.88	N	
CHARLOTTESVILLE	WA4TFZ	146.16	146.76	*	
CHARLOTTESVILLE	N4RAG	146.295	146.895	*	BT131.8
CHARLOTTESVILLE	WA4TFZ	146.325	146.925	*	
CHESAPEAKE	K4NDH	144.69	145.29	N	E
CHESAPEAKE	N4GSP	146.01	146.61	N	ABE
CHESAPEAKE	N4SD	146.19	146.79	*	AE
CHESAPEAKE	KL7SR	147.705	147.105	N	C
CHESTERFIELD	KA4CBB	147.96	147.36	*	BEP
CLARKSVILLE	N4ZCM	144.87	145.47	*	CP
CLIFTON FORGE	KD4VRD	147.75	147.15	N	PROPOSED
#COEBURN MTN RD	KK4MW	146.285	146.865	*	UNCOORD.
COLLINSVILLE	KN4DE	147.72	147.12	N	BLT103.5
COVINGTON	WA4HTI	146.205	146.805	*	L
CULPEPER	AA4VI	147.72	147.12	M	M
DANTE	WD4CYZ	147.855	147.255	N	O
DANVILLE(DCC)	WB4GJG	146.325	146.925	*	BRPT104.2
DANVILLE/WHT OAK	KM4AU	146.10	146.70	*	BERP
DUBLIN	K4HZS	146.07	146.67	*	
ELK CRK/IRON MTN	N4KZL	147.84	147.24	*	PROPOSED
ENON	WB4VWR	147.66	147.06	*	BP
FAIRFAX	W4LBL	146.19	146.79	M	MP
FALLS CHURCH	W4AQD	144.75	145.35	M	MT
FARMVILLE	WA4QGI	144.73	145.33	*	
#FARMVILLE	N4RXM	146.31	146.91	*	UNCOORD.

MORE VIRGINIA REPEATERS

FINCASTLE	W4WIC	146.04	146.64	*	A
FOREST	KA7UKJ	144.77	145.37	N	L
FOREST	W8CXD	147.765	147.165	*	L
FRANKLIN	K4SPS	147.90	147.30	N	PE
FREDRICKSBURG	WB4LNT	147.615	147.015	M	M
GALAX/BRIRP MT.	N4VL	147.69	147.09	*	AB
GALAX/LKOUT MT.	N4VL	144.53	145.13	*	RT103.5
GATE CITY	N4WWB	146.22	146.82	*	ABL
GLADYS	N4UTN	147.945	147.345	*	BLT
GLOUCESTER	KC4TOG	144.77	145.37	*	PE
GREENBAY	K4ARO	144.55	145.15	N	
GRUNDY	K4HWQ	147.915	147.315	N	A
GRUNDY/BIG A MT.	KK4EH	146.235	146.835	N	
GUM SPRING	WB4IKL	147.87	147.27	*	
HAMPTON	K4DHO	146.13	146.73	*	PE
HAMPTON	K4UMI	146.34	146.94	N	T
HAMPTON	KA4VXR	147.825	147.225	N	A
HARRISONBURG	N4YET	144.53	145.13	M	M
HARRISONBURG	N4RAG	147.825	147.225	*	AMT131.8
HARRISONBURG	N4YET	147.915	147.315	M	MA
HERNDON	N4FXP	144.71	145.31	M	MP
JEWELL RIDGE	WB4QJZ	147.75	147.15	N	
KILMARNOCK	W2MS	144.61	145.21	*	A
LEXINGTON	K1AZR	147.90	147.30	*	AB
LEXNGTN/ROCK MT.	K1AZR	147.93	147.33	*	
LORTON	KE4ZN	144.57	145.17	M	MT
LORTON	N4JOG	144.57	145.17	M	MC
LUNENBURG CT.HSE	AA4OG	147.84	147.24	*	
LYNCHBURG	W4WWQ	146.01	146.61	*	
LYNCHBURG	AB4M	146.415	147.015	*	P
LYNCHBURG	WA4RTS	147.795	147.195	*	
LYNCHBURG	KB4ILD	147.975	147.375	N	P
MADISON	N4AJO	147.99	147.39	M	M
MANASSAS	WA4FPM	146.37	146.97	M	MBLPE
MARION	KC4SKE	144.67	145.27	N	T103.5
MARION	N4QLF	146.04	146.64	N	A
MARTINSVILLE	KD4QWD	147.885	147.285	*	BPT107.2
MCLEAN	WD4IWG	147.81	147.21	M	MBP
MOUNTAIN LAKE	WZ8E	147.465	146.865	N	PL
#MT.LAKE/BALD KN	K4TUE	146.31	146.91	*	UNCOORD.
NEW MARKET	K4AVW	146.025	146.625	M	MB
NEWPORT NEWS	W4MT	144.63	145.23	*	B
NEWPORT NEWS	WA4OHX	144.89	145.49	*	ABET''6''
NEWPORT NEWS	WB4CTF	147.765	147.165	*	PLR
NORFOLK	WA4ZUA	144.57	145.17	N	PER
NORFOLK	NS3F	144.73	145.33	*	BERP
NORFOLK	NE4D	146.10	146.70	N	E
NORFOLK	KA4HBU	147.675	147.075	N	B
NORTON/HIGH KNOB	K4AXO	146.415	147.015	*	LP
OILVILLE	N4TZE	147.69	147.09	N	C
PEARISBURG	N4AZJ	147.735	147.135	*	P
PENNINGTON GAP.	N4LQC	146.10	146.70	N	
PETERSBURG	K4ARO	147.99	147.39	N	
PKS KB/PULASKI	WB3S	147.78	147.18	*	BP
PORTSMOUTH	W4POX	146.25	146.85	*	AE
RICHMOND	K4YPE	144.51	145.11	*	A
RICHMOND	WB4FAX	144.59	145.19	N	
RICHMOND	W4SQT	144.83	145.43	*	P
RICHMOND	WB4QEY	146.04	146.64	*	P
RICHMOND	WA4ZBE	146.28	146.88	*	P
RICHMOND	W4ZA	146.34	146.94	*	B
RICHMOND	WA4JST	146.43	147.03	N	O
RICHMOND	N4HB	147.735	147.135	*	T107.2
ROANOKE	N4AP	146.34	146.94	N	A
ROANOKE/POOR MT	KC4DY	146.145	146.745	*	BERP
ROANOKE/POOR MT	W4CA	146.385	146.985	*	BELP
ROANOKE/POOR MT.	WB4QOJ	144.61	145.21	N	YVKL
ROANOKE/POOR MT	NK4ARO	144.79	145.39	N	LT107.2
ROANOKE/POOR MT	NK4BQW	147.87	147.27	N	BCLP
RUSTBURG/LONG MT	N4UTN	146.235	146.835	*	BP
SALEM	W4PDL	146.28	146.88	N	
SALUDA	AA4HQ	144.85	145.45	*	ABE
SMITHFIELD	N3ELM	147.795	147.195	N	BRPT100.0
SOUTH BOSTON	WD4LBM	146.46	147.06	*	PL
STAFFORD	NM7J	144.67	145.27	M	MP
STAUNTON	W4XD	146.10	146.70	*	
STAUNTON	WA4ZBP	146.25	146.85	*	RYT131.8
STAUNTON	W4WRN	146.37	146.97	N	E
STAUNTON/EL. KB.	WD4FOZ	147.645	147.045	*	T131.8
STERLING	WA4TXE	146.115	146.715	M	MBP
STUARTS DRAFT	KB4OLM	147.96	147.36	*	PELP
SUFFOLK	WA4HMT	146.40	147.00	*	O EP
TYSONS CORNER	W4XG	146.31	146.91	M	MP
VIENNA	K4HTA	146.085	146.685	M	MB
VIRGINIA BEACH	WA4KXV	146.295	146.895	*	
VIRGINIA BEACH	WA4KXV	146.37	146.97	*	E
VIRGINIA BEACH	WA4SBC	147.645	147.045	N	
VIRGINIA BEACH	W4NV	147.975	147.375	*	BP
WALKERTON	KA4DZU	146.115	146.715	N	
WARRENTON	NZ4N	147.765	147.165	M	M
WARSAW	KA4ZIP	147.93	147.33	*	E
WAYNESBORO	W4PNT	147.675	147.075	*	BELP
WILLIAMSBURG	K2QIJ	144.81	145.41	*	ABELT127.3
WILLIAMSBURG	W4NTG	146.07	146.67	*	ABE
WILLIAMSBURG	KB4JIN	146.16	146.76	*	ABE
WINCHESTER	N4RAG	144.61	145.21	*	MT131.8
WINCHESTER	W4RKC	146.22	146.82	*	ME
WISE	KC4MAI	146.265	146.865	N	AE
WOODBRIDGE	WB4FQR	147.84	147.24	M	MA
WYTHEVILLE	WB3T	146.175	146.775	N	AEL
WYTHEVILLE/BLAND	WB3T	146.295	146.895	*	BLRT103.5
YORKTOWN	WA4ZBF	147.945	147.345	N	

220 MHZ

ALEXANDRIA	WA4CCF	223.22	224.82	M	ML
ARLINGTON	KI4MB	222.46	224.06	M	M
BEDFORD	N4PLV	223.24	224.84	*	B
BEDFORD/APL ORCH	WA1ZMS	222.58	224.18	*	BLT100.0
BLF/ONEIDA PK	KD4ARY	222.96	224.56	N	
BLFD/E.RIVER MTN.	N8LGA	223.32	224.92	*	O
CHARLOTTESVILLE	KB4YQC	222.54	224.14	*	BCPT
CHARLOTTESVILLE	WA4TFZ	223.16	224.76	*	
COLLINSVILLE	KN4DE	222.82	224.42	N	
DANVILLE	AA4QT	222.78	224.38	*	BRPT
DELTAVILLE	AA4HQ	223.30	224.90	*	AE
FAIRFAX	WB4YHD	222.50	224.10	M	ML
FALLS CHURCH	N4CHP	223.38	224.98	M	MP
GLOUCESTER PT.	N4THN	223.02	224.62	*	BEP
HAMPDEN-SYDNEY	WB4PEA	222.60	224.20	N	O
HAMPTON	WB4PVT	223.26	224.86	N	
LAKE GASTON	WA4HMT	223.00	224.60	*	O
LEESBURG	WA4TXE	222.42	224.02	M	M
LOVETTSVILLE	WB4FUJ	222.86	224.46	M	MC
LYNCHBURG	AB4M	222.68	224.28	*	P
MANASSAS	KB4CVL	222.74	224.34	M	M
MANASSAS	WA4FPM	223.06	224.66	M	MBLPE
MARTINSVILLE	WB4BVI	222.90	224.50	N	P
NORTON/HIGH KNOB	WD4GSM	222.82	224.42	*	C B
PETERSBURG	K4ARO	223.10	224.70	N	
RICHMOND	WA4ONG	222.92	224.52	N	K
ROANOKE	WB4DBB	222.50	224.10	*	L
ROANOKE/CHAUS MTA	B4EM	223.34	224.94	*	
SINGERS GLEN	K4SAD	223.22	224.82	M	MC
STAUNTON	N4RAG	223.14	224.74	*	
STERLING	WD4KHP	222.12	223.72	M	M
STUART	WB4GUG	222.62	224.22	*	PROPOSED
TYSONS CORNER	WD4KHP	222.82	224.42	M	MT
TYSONS CORNER	WD4KHP	223.12	224.72	M	M
VIENNA	K4HTA	222.34	223.94	M	M
VIRGINIA BEACH	N4WQJ	223.14	224.74	N	
WAYNESBORO	KA4RCL	223.08	224.68	*	T131.8
WOODBRIDGE	WB4GJZ	223.18	224.78	M	M

440 MHZ

ALEXANDRIA	WA9GVK	426.25	439.25	M	MV
ALEXANDRIA	WA9GVK	426.25	911.25	M	MVL
ALEXANDRIA	W4HFH	449.60	444.60	M	M
ALTAVISTA	WA4ISI	449.425	444.425	*	B
ARLINGTON	KA4DCS	444.875	449.875	M	M
ARLINGTON	KI4MB	449.15	444.15	M	M
BEDFORD	WB4DBB	449.35	444.35	*	L
BEDFORD/APL ORCH	WA1ZMS	447.65	442.65	*	BLT100.0
BEDFORD/APL ORCH	WA1ZMS	448.80	443.80	*	BT100.0
BIG ''A'' MTN	KB4WTP	449.875	444.875	*	
BLUEFIELD	WZ8E	448.625	443.625	N	PROPOSED
BLUEFIELD	WB4OP	449.45	444.45	*	BR
BLUEFIELD	WZ8E	449.625	444.625	N	PL
BLUEMONT	WA4TSC	444.925	449.925	M	M
CHANTILLY	K4HTA	443.375	448.375	M	MC
CHARLOTTESVILLE	WA4TFZ	449.25	444.25	*	
CHESAPEAKE	KB4NKO	448.10	443.10	*	
CHESAPEAKE	K4NDH	448.80	443.80	N	P
CHESAPEAKE	N4EVG	448.90	443.90	*	PE
COLLINSVILLE	KN4DE	449.575	444.575	N	T103.5
COVINGTON	WA4HTI	447.25	442.25	*	O
DANVILLE	KQ4UU	449.40	444.40	*	BR
ENON	WB4VWR	449.20	444.20	*	R
FAIRFAX	WD4KHP	444.775	449.775	M	MCL
FALLS CHURCH	N4EFK	449.30	444.30	M	M
FALLS CHURCH	K8ZOA	449.45	444.45	M	ML
FANCY GAP	N4OWU	449.375	444.375	*	T107.2
FANCY GAP	N4XRY	449.90	444.90	*	RPB
FOREST	W8CXD	448.60	443.60	*	O
FOREST	WD4KQI	449.75	444.75	*	A
GASBURG	WA4HMT	447.00	442.00	*	C
GATE CITY	N4WWB	449.70	444.70	*	ABL
GREAT FALLS	N3AVA	449.05	444.05	M	M
GUM SPRING	KB4MIC	447.80	442.80	*	
HAMPTON	K4UMI	448.65	443.65	N	
HAMPTON	K4OGT	449.55	444.55	*	EPT167.9
INDEPENDNCE HILL.	AA4VA	448.80	443.80	M	M
LEXNGTN/ROCK MT.	KI4ZR	449.15	444.15	*	
LORTON	WD4KHP	444.725	449.725	M	ML
LYNCHBG/JACK MT.	KF4YI	447.40	442.40	*	P
LYNCHBURG	K4HEX	426.25	923.25	*	V
LYNCHBURG	AB4FU	447.95	442.95	*	PT
LYNCHBURG/TOBR	MTK4HEX	449.50	444.50	*	R
MADISON	N8HON	449.40	444.40	M	MBL
MANASSAS	WD4JCE	444.225	449.225	M	ML
MARTINSVILLE	KD4CRM	447.175	442.175	*	PROPOSED
MT. VERNON	WA5ZAI	449.50	444.50	M	M
NORFOLK	WD4MIZ	449.675	444.675	*	B
NORTON/HIGH KNOB	WA4NDQ	449.85	444.85	*	BLRT103.5
OILVILLE	KB4MIC	449.80	444.80	*	P
PEARISBURG	N4AZJ	449.975	444.975	*	T103.5
PETERSBURG	K4ARO	447.60	442.60	N	PROPOSED
PETERSBURG	WB4KZI	448.825	443.825	*	B
PORTSMOUTH	KK4SN	449.00	444.00	*	AE
POWHATAN	AC4QG	448.10	443.10	N	PROPOSED
RICHMOND	KC4VDZ	447.30	442.30	*	
RICHMOND	WA4ZBE	447.55	442.55	*	C
RICHMOND	N4LFU	448.35	443.35	*	B
RICHMOND	K4ARO	449.85	444.85	N	
RICHMOND/CHARVLEN	4EHJ	449.65	444.65	*	PROPOSED
ROANOKE/AIRPORT	WD4KZK	448.75	443.75	N	ALRT
ROANOKE/POOR MT	W4CA	447.50	442.50	*	BEP
ROANOKE/POOR MT.	N4FHL	426.25	439.25	N	V
ROANOKE/POOR MT.	N4VG	447.70	442.70	*	
ROANOKE/POOR MT.	WB8BON	448.65	443.65	N	C
ROANOKE/TINKER MW	B8BON	449.925	444.925	N	B
SINGERS GLEN	K4SAD	449.60	444.60	M	MC
SMITHFIELD	N3ELM	448.55	443.55	N	BLPT100.0
SOUTH BOSTON	AB4YR	448.925	443.925	*	
SPRINGFIELD	WD4KHP	444.825	449.825	M	MT
STAFFORD	KB4OB	448.85	443.85	M	MBP
STAUNTON	WA4ZBP	449.825	444.825	*	
STAUNTON	W4WRN	449.95	444.95	N	
STAUNTON/EL KNOB	WD4FOZ	449.10	444.10	*	T131.8
STERLING	WA4TXE	447.10	442.10	M	MLP
STERLING	WA4TXE	447.20	442.20	M	M
STUART	WB4GUG	447.225	442.225	*	T107.2
STUART/SPOON MT	NWA4WTB	449.175	444.175	*	RT107.2
STUARTS DRAFT	KB4OLM	449.05	444.05	*	BELP
THE PENTAGON	K4AF	449.55	444.55	M	MT
TYSONS CORNER	KM4FI	448.50	443.50	M	M
TYSONS CORNER	K4JYF	449.75	444.75	M	M
VIENNA	N4KOU	449.85	444.85	M	M
VIRGINIA BEACH	WA4KXV	449.95	444.95	*	E
WAYNESBORO	KA5NOJ	439.25	426.25	*	V
WAYNESBORO	WA4EZA	449.20	444.20	N	BT141.3
WHITETOP MTN	KM4X	448.00	443.00	*	BT103.5
WILLIAMSBURG	W4NTG	448.95	443.95	*	O
WILLIAMSBURG	KB4JIN	449.10	444.10	*	B
WILLIS	W4DUM	448.875	443.875	N	BT
WINCHESTER	NB3O	444.175	449.175	M	M
WINCHESTER	W3CSG	447.00	442.00	M	M
WOODBRIDGE	KA4DCS	444.875	449.875	M	M
WOODBRIDGE	N4LJZ	448.10	443.10	M	M
WOODBRIDGE	WB4FQR	449.90	444.90	M	M
WOODFORD	WA4SDE	443.975	448.975	M	M
WYTHE/WALKER MTN	WB3T	447.00	442.00	*	ABLRT103.5
WYTHEVILLE/SAND.	WB3T	449.325	444.325	N	

920 MHZ

ALEXANDRIA	WA4CCF	907.60	919.60	M	M
BEDFORD/APL ORCH	WA1ZMS	909.10	921.10	*	BLT100.0
FOREST	KB4OSI	909.00	921.00	N	
ROANOKE	KM4TT	908.90	920.90	*	PT123.0

1270 MHZ

ALEXANDRIA	WA4CCF	1270.60	1282.60	M	M
BEDFORD/APL ORCH	WA1ZMS	1271.10	1291.10	*	BLT100.0
MCLEAN	K6LEW	1272.10	1292.10	M	M
ROANOKE/POOR MT	NWB4DBB	1271.02	1291.02		
TYSONS CORNER	WR4S	1272.00	1292.00	M	MB

BEACONS

HIGH KNOB	WD4GSM	144.054	BEACON *
HIGH KNOB	WD4GSM	432.075	BEACON *

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY/BOLT	KA8OTX	29.52	29.62	*	
BERKELEY SPRINGS	KK3L	29.52	29.62	M	ML
#CHARLESTON	WB8CQV	29.54	29.64	N	UNCOORD.

6 METERS

BOLT/BOLT MT.	N8DKL	52.05	53.05	N	
CHARLESTON	WB8YST	52.63	53.63	*	BP
MARMET/CHARLESTON	N8PEI	52.75	53.75	*	C BT141.3

2 METERS

AMBER RIDGE	KB8NJH	147.81	147.21	*	B
BECKLEY/BOLT	N8FRV	144.57	145.17	*	AL
BECKLEY/EOC	N8TNB	144.77	145.37	N	AL
BECKLEY/FLAT TOP	WA8WDK	146.25	146.85	N	L
BECKLEY/LAYLAND	WF1G	144.71	145.31	*	AL
BECKLEY/OAK HILL	N8FWL	144.63	145.23	*	L
BERKELEY SPRINGS	KK3L	144.990	29.620	M	ML
BERKELEY SPRINGS	KK3L	146.145	146.745	M	MB
BLUEFIELD	W8MOP	144.89	145.49	*	BEP
BRIDGEPORT	WB8DKM	147.72	147.12	*	PT
BUCKHANNON	N8FHE	144.53	145.13	*	AL
BUCKHANNON	N8FHE	144.81	145.41	*	A
BUCKHANNON	WD8L	146.25	146.85	N	B
BUCKHANNON	N8ZAR	147.66	147.06	N	PROPOSED
CENTERVILLE	WB8FGM	146.295	146.895	N	C
CHARLES TOWN	N8EIV	146.385	146.985	M	MT-NIGHT
CHARLESTON	W8GK	144.75	145.35	N	PROPOSED
CHARLESTON	WS8L	144.83	145.43	N	P
CHARLESTON	WB8IFS	146.22	146.82	N	AE
CLARKSBURG	KD8TC	146.055	146.655	N	C
CLARKSBURG	N8FMD	146.085	146.685	*	L
CLARKSBURG	N8FMD	147.81	147.21	*	EPT103.5
CRAIGSVILLE	N8FMD	144.67	145.27	*	L
DAVIS	KE8MR	147.735	147.135	N	PROPOSED
ELIZIBETH	N8TWU	147.60	147.00	N	AB
ELKINS	KB8BWZ	146.175	146.775	N	
FAIRMONT	W8SP	144.75	145.35	N	A
FENWICK	KD8AB	146.34	146.94	N	
FLAT TOP/WINTRPL	WF1G	146.025	146.625	*	A
FRANKLIN	W3RUA	147.945	147.345	*	B
GASSAWAY	WB8MZI	146.01	146.61	*	
GLENVILLE	KA8JXP	144.69	145.29	N	ABELR
GLENVILLE	KB8EUN	146.235	146.835	N	
GRAFTON	WD8LNB	147.975	147.375	*	
GRANTSVILLE	N8LGY	144.85	145.45	*	PE

REPEATER INDEX LISTINGS BY CITY - BY STATE . . . continued

MORE WEST VIRGINIA REPEATERS

HARRISVL/PENSBRO	WB8NSL	147.90	147.30	N
HINTON	KB8EQC	147.855	147.255	* AB
HORSEPEN MT	NV8H	147.795	147.195	N PL
HUNTINGTON	WB8FEQ	144.61	145.21	N BP
HUNTINGTON	W8VA	146.16	146.76	* PEL
HUNTINGTON/CHAS	WB8EZR	146.04	146.64	* ER
LEON	WD8OHX	147.78	147.18	N BP
LEWISBURG	WB8SPW	146.13	146.73	* P
LEWISBURG	WV8D	147.99	147.39	*
LIBERTY	W8HYX	144.81	145.41	*
#LOGAN	WA8ZLR	146.09	147.11	N UNCOORD.
LOGAN/SUMERCO	NU8K	147.945	147.345	N PL
LOGAN/WARD RK	MTKJ8E	146.37	146.97	N PL
MARMET	W8GK	144.55	145.15	N B
MARTINSBURG	WA8FSE	144.55	145.15	M MB
MARTINSBURG	WB8YZV	147.855	147.255	M M
MCMECHEN	N8SAQ	146.31	146.91	*
MORGANTOWN	K8LG	144.83	145.43	N AL
MORGANTOWN	W8CUL	146.16	146.76	* B
MORGANTOWN	KE8QC	147.675	147.075	N AELRP
MULLENS/HRNDN MTN	CBIT	147.63	147.03	* R
NEW MARTINSVILE	KF8LL	146.385	146.985	N AB
OAK HILL	WB0QC	146.19	146.79	* E
PARKERSBURG	WV8G	144.89	145.49	* AB
PARKERSBURG	WA8LLM	147.855	147.255	* AB
PARKERSBURG	WA8CRW	147.99	147.39	* B
PARKERSBURG (OH)	WF8U	146.145	146.745	* ABER
PARKERSBURG (OH)	WA8CRW	146.37	146.97	* A (OHIO)
PARSONS	K8VNQ	144.77	145.37	* T118.8
PRINCETON	KA8PNC	146.46	147.06	* P
PRINCETON	WB8NRK	147.825	147.225	*
PRINCETON/PIPEST	WD8OGY	146.325	146.925	N A
RAVENSWOOD	WD8JNU	146.07	146.67	N P
RAVENSWOOD	WD8JNU	146.10	146.70	N R
RICHWOOD	WB8YJJ	144.59	145.19	N BT
RICHWOOD	W8FG	144.87	145.47	N
SALT ROCK	WD8MCR	144.51	145.11	N
SCOTT DEPOT	WC8S	147.87	147.27	* ELRP
SHERRARD	KD8GL	146.115	146.715	* EPL
SO. CHARLESTON	WB8CQV	146.28	146.88	N L
SOUTH CHARLESTON	KB8ODO	144.65	145.25	N PROPOSED
SPENCER	WT8Z	147.705	147.105	N
SPRUCE KNOB	N8HON	147.885	147.285	* L
ST ALBANS	K8WMX	146.40	147.00	* B
ST ALBANS	KA8SVR	147.75	147.15	N BELRP
ST ALBANS	K8WMX	147.975	147.375	* Y
ST MARYS/BENS R	WB8ECC	147.63	147.03	N L
TERRA ALTA	KD8ZR	147.60	147.00	* AE
UNION	KB8CM	146.085	146.685	*
UPPER TRACT	CB8BUC	146.055	146.655	* B
WEIRTON	W8CWO	146.34	146.94	N ABEP
WELCH	WB8SXZ	144.85	145.45	N
WESTON	WD8EOM	144.79	145.39	N P
WESTON	WC8K	147.765	147.165	* BR
WHEELING	WB8JGY	144.59	145.19	N PL
WHEELING	W8ZQ	146.16	146.76	* O B
WILLIAMSON	WR8M	144.73	145.33	* AR

220 MHZ

CHARLESTON	WB8YST	222.76	224.36	* BRPT
FLAT TOP/WINTRPL	WF1G	222.52	224.12	* A
#LEON	WD8OHX	222.18	223.78	N UNCOORD.
WILLIAMSON	WR8M	222.54	224.14	*

440 MHZ

ALDERSON	WF1G	449.40	444.40	*
AUDRA PARK	WD8DEP	449.90	444.90	N
BECKLEY	N8FWL	448.475	443.475	* PROPOSED
BECKLEY/BOLT	AA8BS	447.30	442.30	* RB
BECKLEY/BOLT	KC8IT	449.00	444.00	* AB
BECKLEY/OAK HILL	WF1G	449.80	444.80	* R
BELINGTON	N8SCS	449.90	444.90	N
BLUEFIELD	W8MOP	449.45	444.45	* BR
BUCKHANNON	N8FHE	448.10	443.10	* L
BUCKHANNON	N8ZAR	449.25	444.25	N BP
BUCKHANNON	WV8Y	449.50	444.50	* BR
CHARLESTON	WB8YST	449.35	444.35	N BR
CHARLESTON	WS8L	449.75	444.75	N BL
CLARKSBURG	N8FMD	449.175	444.175	* T103.5
ELKINS	N8FMD	449.85	444.85	*
FAIRMONT	W8SP	448.875	443.875	N PROPOSED
GLENVILLE	KA8ZXP	449.325	444.325	N
#HUNTINGTON	W8VA	447.60	442.60	* UNCOORD.
HUNTINGTON	WB8EZR	448.00	443.00	*
KEENY MTN	KF8FO	449.725	444.725	* O
MORGANTOWN	K8LG	449.70	444.70	N L
MORGANTOWN	W8CUL	449.80	444.80	* B
PARKERSBURG	WV8G	449.775	444.775	* BC
PINEVILLE	AA8BS	449.125	444.125	N
SO. CHARLESTON	WB8CQV	449.95	444.95	N RL
ST. ALBANS	K8MHR	448.15	443.15	* BELP
WESTON	N8FIP	448.975	443.975	N BR
WESTON	WC8K	449.60	444.60	* C
WHEELING	N8EKT	449.975	444.975	N

REPEATER INDEX LISTINGS BY FREQUENCY

10 METERS

9.60 /9.60	CTF	NEWPORT NEWS	VA
9.52 /9.62	WRE	POPLARVILLE	MS
	XE	WILKESBORO	NC
	ZJM	MEMPHIS	TN
	OTX	BECKLEY/BOLT	WV
9.54 /9.64	NEQ	ATL/MARIETTA	GA
	IDA	WILSON	NC
	NKM	GREENEVILLE	TN
	W	JACKSON	TN
	BZU	NASHVILLE	TN
	BON	ROANOKE/POOR MT	VA
	CQV#	CHARLESTON	WV
9.56 /9.66	BEC	BALD CREEK	NC
	GRW	NEWPORT	NC
	YGM	UNION CITY	TN
9.58 /9.68	MM	ALBANY	GA
	BZJ	DALTON	GA
	AZA	THOMASVILLE	NC
	IUY	WILSON	NC
	DRL	MEM/FISHERVILLE	TN
	E	BLUEFIELD/ONEIDA	VA

6 METERS

2.55 /1.55	JEH	#CONYERS	GA
3.025/2.025	LBR	LOUISVILLE	KY
2.525/2.525	AZA	THOMASVILLE	NC
2.01 /3.01	IBB	ASHLAND	KY
	EKR	ELLISVILLE	MS
	GRW	NEWPORT	NC
	LRD	CHATTANOOGA	TN
	NKM	GREENEVILLE	TN
	KOG	MEMPHIS	TN
	ZR	LEXNGTN/ROCK MT	VA
2.03 /3.03	EDU	AUGUSTA	GA
	BEC	BALD CREEK	NC
	PEN	RALEIGH	NC
2.05 /3.05	UPC	PINE LOG MT	GA
	PXV	BOONE/RICH MTN	NC
	DKL	BOLT/BOLT MT	WV
2.07 /3.07	AEG	CARTERSVILLE	GA
	FWS	MOUNT AIRY	NC
	IUY	WENDELL	NC
	MIC	GUM SPRINGS	VA
2.09 /3.09	NEQ	ATL/MARIETTA	GA
	PLA	MARS HILL	NC
	BON	ROANOKE/POOR MT	VA
2.11 /3.11	XTF	GASTONIA/CROWDER	NC
	GYN	OAK RIDGE	TN
	YKV	AMELIA COURTHSE	VA
2.13 /3.13	BZJ	DALTON	GA
	GJG	DANVILLE(DCC)	VA
2.15 /3.15	IOB	KNXVL/ENG MT	TN
	DBB	BEDFORD/THAX MT	VA
2.17 /3.17	RBT	CLEVELAND	GA
	AZA	THOMASVILLE	NC
2.19 /3.19	UCE	COOKEVILLE	TN
2.21 /3.21	QLX	SAURATOWN MT	NC
	WWB	GATE CITY	VA
2.23 /3.23	ZKL	GUTHRIE	KY
	JFN	HAW RIVER	NC
	ZKL	GUTHRIE (TN/KY)	TN
	LP	MORRISTOWN	TN
2.25 /3.25	JNN	ALPHARETTA	GA
	PEN	RALEIGH	NC
	YON	KNOXVILLE	TN
	DBB	ROANOKE	VA
2.27 /3.27	GYM	GILBERT	SC
	DRL	MEM/FISHERVILLE	TN
2.29 /3.29	PN	PINE LOG MT	GA
	ICX	FANCY GAP	VA
2.31 /3.31	PVU	ROAN MTN	TN
2.33 /3.33	CC	HIGHLAND HEIGHTS	KY
2.35 /3.35	UAG	KNOXVILLE	TN
	O	MCNAIRY	TN
2.41 /3.41	YXY	PICKENS	SC
2.43 /3.43	ZIZ	JULIETTE	GA
	FAX	RICHMOND	VA
2.45 /3.45	VWH#	HIGH HOUSE MTN	GA
	KWP	GALLATIN	TN
2.47 /3.47	UOX	DOUGLASVILLE	GA
2.55 /3.55	JEH	CONYERS	GA
	JGT	KNOXVILLE	TN
	RDK	MEMPHIS	TN
2.59 /3.59	YTU	ROCKY MOUNT	NC
2.63 /3.63	YST	CHARLESTON	WV
2.67 /3.67	WRS	STATESVILLE	NC
2.75 /3.75	PEI	MARMET/CHARLESTO	WV
2.81 /3.81	KNE	STANTON	KY
2.89 /3.89	Y	VALDOSTA	GA

2 METERS

4.61 /2.525	ARK	NASHVILLE	TN
4.054/EACONG	SMHIGH	KNOB	VA
4.28 /EACONM	WMEMPHIS		TN
4.297/EACONZ	RWMEMPHIS		TN
4.51 /5.11	TUN	AUGUSTA	GA
	MXC	COCHRAN	GA
	UOX	DOUGLASVILLE	GA
	UOX	DOUGLASVILLE	GA
	HYE	MENDENHALL	MS
	WA	PASCAGOULA	MS
	JTX	CHERRYVILLE	NC
	TOH	COLUMBIA	NC
	RXG	SAURATOWN MT	NC
	JMT	MYRBCH/CONWAY	SC
	Y	COOKEVILLE	TN
	SBX	GRAY	TN
	BOX	JACKSON	TN
	QB	KNOXVILLE	TN
	ARK	NASHVLE/FAIRVIEW	TN
	YPE	RICHMOND	VA
	MCR	SALT ROCK	WV
4.53 /5.13	SEX	NEWNAN	GA
	Y	#VALDOSTA	GA
	RBL	LOUISVILLE AREA	KY
	VF	MOREHEAD	KY
	YNF	AHOSKIE	NC
	CS	GREENWOOD/HODGES	SC
	KIV	SUMTER	SC
	CMY	CHATTANOOGA	TN
	O	COLLIERVILLE	TN
	SSB	GALLATIN	TN
	OAK	LAFOLLETTE	TN
	KRM	#SHELBYVILLE	TN
	VL	GALAX/LKOUT MT	VA
	FHE	BUCKHANNON	WV
4.55 /5.15	MM	ALBANY	GA
	AQL	ATLANTA	GA
	LT	MILLEDGEVILLE	GA
	TLK	MONTICELLO	KY
	BI	PIKEVILLE	KY
	LFP	PICAYUNE	MS
	AAY	BUXTON	NC
	NHV	#LUMBERTON	NC
	CVM	RANDLEMAN/GBO	NC
	OXE	INMAN	SC
	LWY	SUMMERTON	SC
	RJC	DECATUR-PONE KB	TN
	XS	FRANKLIN	TN
	JXI	MEMPHIS	TN
	ARO	GREENBAY	VA
	GK	MARMET	WV
4.57 /5.17	JBF	COOLIDGE	GA
	DIW	JONESBORO	GA
	PRH	HALLS GAP	KY
	BRN	HORN LAKE	MS
	CTJ	LELAND	NC
	ZQB	#NEWTON/ANDSN MT	NC
	UO	OXFORD	NC
	TUN	AIKEN	SC
	O	BRUCETON	TN
	GBI	KNOXVILLE	TN
	BRN	MEMPHIS	TN
	LHO	MURFREESBORO	TN
	ZUA	NORFOLK	VA
	FRV	BECKLEY/BOLT	WV
4.59 /5.19	ULJ	PINE MT/HAMILTON	GA
	UVT	BOONEVILLE	MS
	CJR	HATTIESBURG	MS
	SQN	JACKSONVILLE	NC
	BVW	MT MITCHELL	NC
	OTT	CARTHAGE	TN
	XX	JASPER	TN
	FAX	RICHMOND	VA
	YJJ	RICHWOOD	WV
	JGY	WHEELING	WV
4.61 /5.21	DTA	EASTMAN	GA
	PSZ	FAYETTEVILLE	GA
	U	DEANE	KY
	PRH	LEXINGTON/GRGTWN	KY
	WRE	POPLARVILLE	MS
	OLC	HIGH PEAK MTN	NC
	TQD	TRENTON	NC
	NEP	GASTON	SC
	BBB	KNOXVILLE	TN
	ARK	NASHVILLE	TN
	MS	KILMARNOCK	VA
	QOJ	ROANOKE/POOR MT	VA
	RAG	WINCHESTER	VA
	FEQ	HUNTINGTON	WV
4.63 /5.23	JEH	CONYERS	GA
	UJ	DALTON	GA
	COL	WAYNESBORO	GA
	PRH	LOUISVILLE	KY
	VBH	BEULAVILLE	NC
	BFB	CHARLOTTE	NC
	RA	LAVERNE	TN
	KIE	MAYNARDVILLE	TN
	DBB	BEDFORD	VA
	MT	NEWPORT NEWS	VA
	FWL	BECKLEY/OAK HILL	WV
4.65 /5.25	YYD	CHATSWORTH	GA
	BLQ	CLAYTON	GA
	ZGR	MACON	GA
	GL	#SCOTTSVILLE	KY
	SJE	GREENSBORO	NC
	USN	CHARLESTON	SC
	PA	#UNION	SC
	PHT	DAYTON	TN
	WXS	ERWIN/PINNACLE	TN
	MMI	POCAHONTAS	TN
	CZJ	BEAVERDAM	VA
	XK	BLUEFIELD	VA
	ODO	SOUTH CHARLESTON	WV
4.67 /5.27	ID	SANDERSVILLE	GA
	PN	WALESKA/PNLGMT	GA
	TY	MORRILL DATA 120	KY
	NBG	WALLS	MS
	DZJ	WIGGINS	MS
	KNI	HENDSVL/BERWLW M	NC
	AR	MIDWAY	NC
	BQF	RALEIGH	NC
	GYM	WEST COLUMBIA	SC
	WZK	HENDERSONVILLE	TN
	CJX	SEV/SHIELDS MT	TN
	SKE	MARION	VA
	FMD	CRAIGSVILLE	WV
4.69 /5.29	Q	ATLANTA	GA
	TDL	AUGUSTA	GA
	PL	LAWRENCEBURG	KY
	PRH	STANTON	KY
	L	VICKSBURG	MS
	BFB	CHARLOTTE	NC
	XC	CLAYTON	NC
	GGD	GREENSBORO	NC
	VCM	CHATTANOOGA	TN
	SQC	JOHNSON CITY/HOL	TN
	FFM	RIDGETOP	TN
	NDH	CHESAPEAKE	VA
	ZXP	GLENVILLE	WV
4.71 /5.31	CEK	COLUMBUS	GA
	JDR	STOCKBRIDGE	GA
	TY	MORRILL DATA 960	KY
	GOJ	CHATAWA	MS
	WPM	BAKERSVILLE	NC
	QAA	GREENSBORO	NC
	GY	BEAUFORT	SC
	PF	ROCK HILL	SC
	PNI	ATHENS	TN
	SC	JACKSON	TN
	ECD	LAFAYETTE	TN
	G	BECKLEY/LAYLAND	WV
4.73 /5.33	OGE	JONESBORO	GA
	CYR	GULFPORT	MS
	J	MT. AIRY	NC
	YP	PIKEVILLE	NC
	DFP	BAMBERG	SC
	DBJ	CUMBERLAND CITY	TN
	TEM	KNOXVILLE	TN
	DRL	MEM/FISHERVILLE	TN
	QQI	FARMVILLE	VA
	F	NORFOLK	VA
	M	WILLIAMSON	WV
4.75 /5.35	DOC	ATLANTA	GA
	FGQ	ROSSVILLE	GA
	GLI	ELIZABETHTOWN	KY
	DAX	MOUNTAIN ASH	KY
	WMH	OLIVE BRANCH	MS
	ZMZ	#UTICA	MS
	AOS	CHARLOTTE	NC
	JPQ	GREENVILLE	NC
	Y	HUMBOLDT	TN
	JYD	NOLENSVILLE	TN
	AZJ	BLAND	VA
	GK	CHARLESTON	WV
	SP	FAIRMONT	WV
4.77 /5.37	UA	AUGUSTA	GA
	IZF	JASPER	GA
	BKM	MACON	GA
	NNX	HATTIESBURG	MS
	PYQ	SOUTHAVEN	MS
	AGN	WILKESBORO	NC
	MII	OXFORD	NC
	PPD	SHALLOTTE	NC
	GZE	KNOXVILLE	TN
	OG	SMITHVILLE	TN

UKJ FOREST ..... VA
TOG GLOUCESTER ..... VA
VS BECKLEY/EOC ..... WV
TNB PARSONS ..... WV
4.79 /5.39 HYB GRIFFIN ..... GA
KDZ FRANKFORT ..... KY
RPB CORINTH ..... MS
DG MONROE/UCARS ..... NC
OX ROSEBORO ..... NC
NXU CANADYS ..... SC
AM CHATTANOOGA ..... TN
EPC GREENEVILLE ..... TN
DOR LEBANON ..... TN
ARO ROANOKE/POOR MTN VA
EOM WESTON ..... WV
4.81 /5.41 PME ATLANTA/BELL ..... GA
I AUGUSTA ..... GA
PXX BRNSWK/JEKYLL IS ..... GA
NON COVINGTON ..... KY
DC GLASGOW ..... KY
IF D'IBERVILLE ..... MS
XO HIGH POINT ..... NC
KNU WILLIAMSTON ..... NC
VIH DOVER ..... TN
NKM GREENEVILLE ..... TN
QIJ WILLIAMSBURG ..... VA
FHE BUCKHANNON ..... WV
HYX LIBERTY ..... WV
4.83 /5.43 EIM JESUP ..... GA
OLL MACON ..... GA
LCI MARIETTA ..... GA
LVU COLUMBUS ..... MS
PET LUMBER BRIDGE ..... NC
ITL SPARTA/GREEN MT ..... NC
GYM GILBERT ..... SC
YTU BROWNSVILLE ..... TN
UCE COOKEVILLE ..... TN
IUA KNOXVILLE ..... TN
SQT RICHMOND ..... VA
L CHARLESTON ..... WV
LG MORGANTOWN ..... WV
4.85 /5.45 BOC DECATUR ..... GA
TX LEXINGTON ..... KY
RMZ SHARON ..... MS
PLY CROWDERS MT/GAST ..... NC
WTX DURHAM ..... NC
GRW NEWPORT ..... NC
SIR BENTON ..... TN
KOG COVINGTON ..... TN
KO HOHENWALD ..... TN
LP MORRISTOWN ..... TN
E SPRING HILL ..... TN
HQ SALUDA ..... VA
LGY GRANTSVILLE ..... WV
SXZ WELCH ..... WV
4.87 /5.47 UM #RICEBORO/MIDWAY ..... GA
CLA SWEAT MT/MARIETT ..... GA
GGH #BARDSTOWN ..... KY
WMM MAYSVILLE ..... KY
OIX KINSTON ..... NC
NC SAURATOWN MT ..... NC
RG GAFFNEY ..... SC
DDK MYRTLE BEACH ..... SC
GBI KNOXVILLE ..... TN
OMO MOUNTAIN CITY ..... TN
ARK NASHVILLE ..... TN
ZCM CLARKSVILLE ..... VA
FG RICHWOOD ..... WV
4.89 /5.49 DV AUGUSTA ..... GA
WUJ #CORDELE ..... GA
QPL MARIETTA ..... GA
KVK HENDERSON ..... KY
CWF NICHOLASVILLE ..... KY
VGK FULTON ..... MS
K FRANKLIN ..... NC
DZ GIBSONVILLE ..... NC
BWC RALEIGH ..... NC
ABW RKY RDG/WALLACE ..... SC
LHO MCMINVL/SHT MT ..... TN
KOG MEMPHIS ..... TN
MOP BLUEFIELD ..... VA
OHX NEWPORT NEWS ..... VA
MOP BLUEFIELD ..... WV
G PARKERSBURG ..... WV
6.01 /6.61 CVY COLUMBUS ..... GA
JEH CONYERS ..... GA
KWV CORBIN ..... KY
RQL LAUREL ..... MS
SNI GREENSBORO ..... NC
JMS NEW BERN ..... NC
WIF ELLOREE ..... SC
NYK GRNVLE/CSRS HD ..... SC
CMY CHATTANOOGA ..... TN
PCD NASHVILLE ..... TN
LSP ABINGDN/BRMLY MT ..... VA
GSP CHESAPEAKE ..... VA
WWQ LYNCHBURG ..... VA
MZI GASSAWAY ..... WV
6.025/6.625 UPE ATL/UNION CITY ..... GA
UJT ELBERTON ..... GA
ZZ VIDALIA ..... GA
ULW WEBSTER ..... KY
WO PORT GIBSON ..... MS
RR LAURINBURG ..... NC

IP CHESTER ..... SC
GBI KNOXVILLE ..... TN
ABU MARTIN ..... TN
G FLAT TOP/WINTRPL ..... WV
6.04 /6.64 QGR ATLANTA ..... GA
MWQ AUGUSTA ..... GA
FWD CARROLLTON ..... GA
CEX WAYCROSS ..... GA
UXJ CAMPBELLSVILLE ..... KY
NIL MADISON ..... MS
NAY MOORE VILLE ..... MS
YAO HENDERSONVILLE ..... NC
DW RALEIGH ..... NC
NC WINSTON-SALEM ..... NC
CIH SUMTER ..... SC
KQQ #MEMPHIS ..... TN
NTM NASHVILLE W ..... TN
QYI ROCKWOOD/MT ROOTN
WIC FINCASTLE ..... VA
QLF MARION ..... VA
QEF RICHMOND ..... VA
EZR HUNTINGTON/CHAS ..... WV
6.055/6.655 NFP ATLANTA/MARIETTA ..... GA
MNI BOWLING GREEN ..... KY
DZC DANVILLE ..... KY
CEB CONCORD/KANNAP. ..... NC
VTX ELIZABETH CITY ..... NC
RRC BEAUFORT ..... SC
RYR ALCOA ..... TN
OKV BROWNSVILLE ..... TN
AM CHATT/SIGNAL MT ..... TN
ME COLLINWOOD TN ..... TN
ISI ALTAVISTA ..... VA
TC CLARKSBURG ..... WV
BUC UPPER TRACT ..... WV
6.06 /6.66 BKM MACON ..... GA
6.07 /6.67 NSO GAINESVILLE ..... GA
EQL JESUP ..... GA
VHF HAZARD ..... KY
KBL PRINCETON ..... KY
LRQ HATTIESBURG ..... MS
CAX NEW ALBANY ..... MS
FHB BURLINGTON ..... NC
BKU CHERRY MT ..... NC
RPC YAUPON BEACH ..... NC
U ST. MATTHEWS ..... SC
DKI BRISTOL ..... TN
BGW LAFOLLETTE/WMT ..... TN
NTM NASHVILLE W ..... TN
HZS DUBLIN ..... VA
NTG WILLIAMSBURG ..... VA
JNU RAVENSWOOD ..... WV
6.085/6.685 IWL ADAIRSVILLE ..... GA
UWN FAYETTEVILLE ..... GA
ZY LEXINGTON ..... KY
KHB NATCHEZ ..... MS
NBR GRIFTON ..... NC
EHL STATESVILLE ..... NC
CO NEWBERRY ..... SC
PIO WALLAND ..... TN
ZMS #BEDFORD/APL ORC ..... VA
FMD CLARKSBURG ..... WV
CM UNION ..... WV
6.090/6.690 KQ #OWENSBORO ..... KY
6.10 /6.70 MM ALBANY ..... GA
OOM JASPER ..... GA
DOJ MILLEDGEVILLE ..... GA
TO SAVANNAH ..... GA
JO GRAYSON ..... KY
BDC LOUISVILLE ..... KY
YGM UNION CITY (TN) ..... KY
GY BAY ST. LOUIS ..... MS
LVA GRENADA ..... MS
DEJ MERIDIAN ..... MS
CID DUNN ..... NC
PAX LANCASTER ..... SC
KUD ANDERSON CTY ..... TN
UOT MANCHESTER ..... TN
MMI RAMER ..... TN
YGM UNION CITY ..... TN
AU DANVILLE/WHT OAK ..... VA
D NORFOLK ..... VA
LQC PENNINGTON GAP ..... VA
XD STAUNTON ..... VA
JNU RAVENSWOOD ..... WV
6.115/6.715 NVG LAVONIA ..... GA
ABZ RINGGOLD ..... GA
B BEREA ..... KY
TQY GREENWOOD ..... MS
GGN MILLERS CREEK ..... NC
KDC SPRING LAKE ..... NC
NEP COLUMBIA ..... SC
JUB SALTILLO ..... TN
I BLACKSBURG ..... VA
DZU WALKERTON ..... VA
GL SHERRARD ..... WV
6.13 /6.73 MM ALBANY ..... GA
NC ATLANTA/SWEAT MT ..... GA
TVE BRUNSWICK ..... GA
STY #DAWSON SPRINGS ..... KY
AO LEXINGTON ..... KY
IF BILOXI ..... MS
VZF STARKVILLE ..... MS
BWC RALEIGH ..... NC

EXU SALISBURY ..... NC
VNK WILMINGTON ..... NC
FKJ N. AUGUSTA ..... SC
BJY SIMPSONVILLE ..... SC
IOB KNXVL/ENG MT ..... TN
DON MEMPHIS ..... TN
EHL WATERTOWN ..... TN
DHO HAMPTON ..... VA
SPW LEWISBURG ..... WV
6.145/6.745 BKF ATHENS ..... GA
TTC GREENVILLE ..... KY
N DILLON/PEE DEE ..... SC
RCK DYERSBURG ..... TN
UP OLIVER SPRINGS ..... TN
DY ROANOKE/POOR MT. ..... VA
U PARKERSBURG (OH) ..... WV
6.16 /6.76 BOC STONE MT ..... GA
ELN VALDOSTA ..... GA
NSY #FERN CREEK ..... KY
KJQ LEXINGTON ..... KY
CUW PADUCAH ..... KY
AXQ JACKSON ..... MS
BVW ASHVL/MT PISGAH ..... NC
GGD GREENSBORO ..... NC
S SWANSBORO ..... NC
THL WILSON ..... NC
ESG AWENDAW ..... SC
LSP BRISTOL/HLSTN MT ..... TN
PQP NASHVILLE ..... TN
TFZ CHARLOTTESVILLE ..... VA
ZIN WILLIAMSBURG ..... VA
VA HUNTINGTON ..... WV
CUL MORGANTOWN ..... WV
ZQ WHEELING ..... WV
6.175/6.775 NFP MARIETTA ..... GA
NA WRENS ..... GA
PPM MIDDLESBORO ..... KY
TKI VANCEBURG ..... KY
JYH SOUTHPORT ..... NC
GYM COLUMBIA ..... SC
O FRUITLAND ..... TN
OYG PULASKI/MUSIC MT ..... TN
T WYTHEVILLE ..... VA
BWZ ELKINS ..... WV
6.19 /6.79 DMK FOLKSTON ..... GA
KOW MOULTRIE ..... GA
SEX NEWNAN ..... GA
VYX SWAINSBORO ..... GA
YWH HIGHLAND HEIGHTS ..... KY
U PAINTSVILLE ..... KY
TYP BILOXI ..... MS
S WEST POINT ..... MS
LZD CLINTON ..... NC
AT SAURATOWN MT ..... NC
FVV ANDERSON/SAS MT ..... SC
USN CHARLESTON ..... SC
AM CHATTANOOGA ..... TN
ABR JOHNSON CITY ..... TN
SQE NASHVILLE ..... TN
SD CHESAPEAKE ..... VA
OQC OAK HILL ..... WV
6.205/6.805 IEZ JULIETTE ..... GA
NNE GUTHRIE ..... KY
PRH HAZARD ..... KY
C STARKVILLE ..... MS
EWG FAYETTEVILLE ..... NC
IZF GASTONIA/CROWDER ..... NC
O ORANGEBURG ..... SC
NNE GUTHRIE (TN/KY) ..... TN
HTI COVINGTON ..... VA
7.405/6.805 AQS CALHOUN/JASPER ..... GA
BVW CANTON ..... NC
6.22 /6.82 MM ALBANY ..... GA
DOC ATLANTA ..... GA
HVK KIBBEE ..... GA
N DRAKESBORO ..... KY
AIA IRVINE ..... KY
MBA GREENVILLE ..... MS
HYE MAGEE ..... MS
PZA ROARING GAP ..... NC
GMP WILMINGTON ..... NC
NYK GRNVLE/PARIS MT ..... SC
OAH LAKE CITY ..... TN
BS MEMPHIS ..... TN
SFF WINCHESTER ..... TN
WWB GATE CITY ..... VA
RKC WINCHESTER ..... VA
IFS CHARLESTON ..... WV
6.235/6.835 GSS THOMSON ..... GA
BLZ LYNN GROVE ..... KY
ZOX SALVISA ..... KY
PLA ASHEVILLE ..... NC
UOR NAGS HEAD/BODIE ..... NC
USH WADESBORO ..... NC
UDD CHARLESTON ..... SC
IDG WATERTOWN ..... TN
EH GRUNDY/BIG A MT ..... VA
UTN RUSTBURG/LONG MT ..... VA
EUN GLENVILLE ..... WV
7.435/6.835 KHQ DAHLONEGA ..... GA
NNR HIGH POINT ..... NC
6.25 /6.85 DVJ DALLAS ..... GA
QWI WARNER ROBINS ..... GA
CLL #BOWLING GREEN ..... KY

IV PIKEVILLE ..... KY
VNO BAY ST. LOUIS ..... MS
JMD BUDE ..... MS
BWW CLEVELAND ..... MS
MFK IUKA ..... MS
LWC KOSCIUSKO ..... MS
CYP GOLDSBORO ..... NC
MDW HICKORY/BRT. MT ..... NC
YEC REIDSVILLE ..... NC
ULH FLORENCE ..... SC
KJH GTLBG/COVE MTN ..... TN
KOG MEMPHIS ..... TN
AY NASHVILLE ..... TN
POX PORTSMOUTH ..... VA
ZBP STAUNTON ..... VA
WDK BECKLEY/FLAT TOP ..... WV
L BUCKHANNON ..... WV
7.45 /6.85 IHW #RESEARCH TRI PK ..... NC
6.265/6.865 DKY MADISON ..... GA
UW RICHMOND ..... KY
YF LAURENS ..... SC
AA CROSSVILLE ..... TN
G FAYETTEVILLE ..... TN
KP TRENTON ..... TN
MAI WISE ..... VA
6.285/6.865 MW #COEBURN MTN RD ..... VA
7.465/6.865 DWU ELLISVILLE ..... MS
WD MURPHY/STALCUP ..... NC
ZRS WAXHAW ..... NC
E MOUNTAIN LAKE ..... VA
6.28 /6.88 CVY COLUMBUS ..... GA
IUD MARIETTA ..... GA
NKL QUITMAN ..... GA
HBB SAVANNAH ..... GA
OAU LOUISVILLE ..... KY
AI SOMERSET ..... KY
QNE JACKSON ..... MS
AAY PASCAGOULA ..... MS
TQD RALEIGH ..... NC
NYR SHELBY ..... NC
FOH ORANGEBURG ..... SC
CYZ BRISTOL ..... TN
ETE MEMPHIS ..... TN
PCD NASHVILLE ..... TN
SKH OAK RIDGE ..... TN
CYZ BRISTOL ..... VA
ZBE RICHMOND ..... VA
PDL SALEM ..... VA
CQV SO. CHARLESTON ..... WV
6.295/6.895 RBS HARTWELL ..... GA
SM MACON ..... GA
JBV FLORENCE ..... KY
YFF MADISON ..... MS
ABW PAGELAND/HIPOINT ..... SC
RAG CHARLOTTESVILLE ..... VA
KXV VIRGINIA BEACH ..... VA
T WYTHEVILLE/BLAND ..... VA
FGM CENTERVILLE ..... WV
7.495/6.895 LUD DALLAS ..... GA
KJT DORTON ..... KY
6.30 /6.90 WVH IRVINGTON ..... KY
6.31 /6.91 HIG CLEVELAND/LONG ..... GA
HYB GRIFFIN ..... GA
GFY MOREHEAD ..... KY
VV HERNANDO ..... MS
OCM NATCHEZ ..... MS
ZGQ AHOSKIE ..... NC
MOE ASHVL/SPIVEY MT ..... NC
YZF FAYVLLE/CFARS ..... NC
IZM LEXINGTON ..... NC
BWZ WHITE HALL ..... SC
DQU SAVANNAH ..... TN
YXA SHORT MTN. ..... TN
RXM #FARMVILLE ..... VA
TUE #MT.LAKE/BALD KN ..... VA
SAQ MCMECHEN ..... WV
6.325/6.925 ASI COVINGTON ..... GA
PJR JESUP ..... GA
BEJ RADCLIFF ..... KY
VOJ CORINTH ..... MS
ABW LYCKWOW/BISHOPVL ..... SC
GZX CLEVELAND ..... TN
OBW SULPHUR SPRINGS ..... TN
TFZ CHARLOTTESVILLE ..... VA
GJG DANVILLE(DCC) ..... VA
OGY PRINCETON/PIPEST ..... WV
6.34 /6.94 N AUGUSTA ..... GA
VO ROME/MT. ALTO ..... GA
RVB WRIGHTSVILLE ..... GA
OIL ASHLAND ..... KY
WZH GLASGOW ..... KY
NTB MURRAY ..... KY
DWX AMORY ..... MS
SBK JACKSON ..... MS
JMD MCCOMB ..... MS
DLH BURGAW ..... NC
BFB CHARLOTTE ..... NC
BFT DURHAM ..... NC
VM MANTEO/WANCHESE ..... NC
NZ MT AIRY ..... NC
PBC CHARLESTON ..... SC
IQG GREENVILLE ..... SC
GBI KNOXVILLE ..... TN
BSM MEMPHIS ..... TN

	PCD	NASHVILLE	TN
	UMI	HAMPTON	VA
	ZA	RICHMOND	VA
	AP	ROANOKE	VA
	AB	FENWICK	WV
	CWO	WEIRTON	WV
6.355/6.955	KIN	PERRY	GA
	PRE	ROCKY TOP MT	GA
	EKR	ELLISVILLE	MS
	OB	ISOLA	MS
	AVP	ROCKINGHAM	NC
	E	BLUEFIELD/ONEIDA	VA
6.37 /6.97	CLJ	ATLANTA	GA
	HBB	SAVANNAH	GA
	DPP	HENDERSON	KY
	TUK	STANTON	KY
	ZH	PASCAGOULA	MS
	DHS	WINONA	MS
	XRY	MT AIRY	NC
	JQ	SMITHFIELD	NC
	SZ	ANDERSON	SC
	ISM	FLORENCE	SC
	TRC	KNGSPT/BAYS MT	TN
	MWQ	MCMINNVILLE	TN
	RWK	MEDINA	TN
	SKH	OAK RIDGE	TN
	WRN	STAUNTON	VA
	KXV	VIRGINIA BEACH	VA
	E	LOGAN/WARD RK MT.	WV
	CRW	PARKERSBURG (OH)	WV
6.38 /6.98	BEJ	ELIZABETHTOWN	KY
6.385/6.985	I	AUGUSTA	GA
	ZGN	ELLIJAY/TALONA M	GA
	UUB	ST. MARYS	GA
	FE	WARM SPRINGS	GA
	LRQ	COLLINS	MS
	DMT	SENATOBIA	MS
	OGB	ALBEMARLE	NC
	PVE	MARION	NC
	PRD	GOODLETTSVILLE	TN
	CA	ROANOKE/POOR MT.	VA
	LL	NEW MARTINSVILE	WV
6.40 /7.00	NNO	ATLANTA	GA
	OQX	ROCHELLE	GA
	UFH	CORINTH	MS
	QFX	WATER VALLEY	MS
	FVO	JACKSONVILLE	NC
	AZA	THOMASVILLE	NC
	YLT	MARION	SC
	YXZ	PICKENS	SC
	AZQ	KNOXVILLE	TN
	ZJM	MEMPHIS	TN
	HMT	SUFFOLK	VA
	WMX	ST ALBANS	WV
7.60 /7.00	LR	SHELBYVILLE	KY
	NRR	#VIRGIE	KY
	M	WILLIAMSBURG	KY
	NKZ	COLUMBUS	MS
	KMG	BLOUNTVILLE	TN
	SGA	CLARKSVILLE	TN
	QS	COLLEGEDALE	TN
	TWU	ELIZIBETH	WV
	ZR	TERRA ALTA	WV
6.415/7.015	GIS	CARTERSVILLE	GA
	YSB	YADKINVILLE	NC
	M	LYNCHBURG	VA
	AXO	NORTON/HIGH KNOB	VA
7.615/7.015	DT	BONAIRE	GA
	UM	HINESVILLE	GA
	JHK	MONTICELLO	MS
	KPF	LK NORMN/CLT	NC
	YP	SELMA	NC
	E	SUMTER	SC
	JVV	LEBANON	TN
	ZQ	#NASHVILLE	TN
	KS	ROCKWOOD/MT ROOSTN	TN
	YGM	UNION CITY	TN
6.43 /7.03	D	LAUREL	MS
	YTZ	ROCK HILL	SC
	DRL	GRAND JUNCTION	TN
	MVR	LEXINGTON	TN
	JST	RICHMOND	VA
7.63 /7.03	REI	ATLANTA/AIRPORT	GA
	ZVL	HOPKINSVILLE	KY
	PJZ	LOUISVILLE	KY
	LDD	OCEAN SPRINGS	MS
	GG	GREENSBORO	NC
	SJ	ROANOKE RAPIDS	NC
	FOF	BARNWELL	SC
	HOG	N. MYRTLE BEACH	SC
	NIQ	FAYETTEVILLE	TN
	DRL	GRAND JUNCTION	TN
	LP	MORRISTOWN	TN
	IT	MULLENS/HRNDN MT.	WV
	ECC	ST MARYS/BENS R	WV
7.64 /7.04	DTD	WINFIELD (AL)	MS
6.445/7.045	AIH	ANDREWS/ROBBINSV	NC
	FLR	FAYETTEVILLE	NC
7.645/7.045	SES	DOUGLAS	GA
	AOZ	WATKINSVILLE	GA
	VF	GRETHEL	KY
	LCL	POLKVILLE	MS
	BEC	BALD CREEK	NC
	EHL	STATSVL/ASBRY MT	NC
	HKZ	COOKEVILLE	TN
	AYN	NASHVILLE	TN
	FOZ	STAUNTON/EL. KB	VA
	SBC	VIRGINIA BEACH	VA
6.46 /7.06	CQ	CHARLOTTE	NC
	LDU	CHARLESTON	TN
	LBM	SOUTH BOSTON	VA
	PNC	PRINCETON	WV
7.66 /7.06	DDI	MACON	GA
	CLA	ROSWELL	GA
	UCJ	THOMASVILLE	GA
	WQ	PADUCAH	KY
	OCF	RICHTON	MS
	LED	MACO	NC
	VFR	SUMTER/SHAW	SC
	UG	GRNVLE/VIKING MT	TN
	MQQ	MEMPHIS	TN
	VFB	#SHELBYVILLE	TN
	VWR	ENON	VA
	ZAR	BUCKHANNON	WV
7.67 /7.07	NMC	LOUISVILLE	KY
7.675/7.075	JXR	LAWRENCEVILLE	GA
	CJB	PEMBROKE	GA
	TLP	OWINGSVILLE	KY
	Y	JACKSON	MS
	JFN	BURLINGTON	NC
	L	NEWTON	NC
	E	GREENBRIER	TN
	GBI	KNOXVILLE	TN
	O	MCNAIRY	TN
	HBU	NORFOLK	VA
	PNT	WAYNESBORO	VA
	QC	MORGANTOWN	WV
7.69 /7.09	GNA	CHEAHA MTN (AL)	GA
	YHM	EATONTON	GA
	CVE	ST SIMONS ISL	GA
	YK	PHELPS	KY
	DSN	AMORY	MS
	MRS	NEW HEBRON	MS
	GDF	GREENVL/ESTN NC	NC
	RP	ORANGEBURG	SC
	JLA	SPARTANBURG	SC
	ATI	GERMANTOWN	TN
	NLP	JAMESTOWN	TN
	VL	GALAX/BRIRP MT	VA
	TZE	OILVILLE	VA
7.705/7.105	YSB	ATLANTA	GA
	D	STATESBORO	GA
	KFD	CALVERT CITY	KY
	ZAC	HARLAN	KY
	WK	WAYNESBORO	MS
	WET	BOONE/DYER HILL	NC
	OX	BROADWAY	NC
	JCK	MONROE	NC
	GHH	MOUNTAIN HOME	NC
	NEB	CLEVELAND	TN
	TC	HENDERSON	TN
	IDG	LEBANON	TN
	JBJ	BEDFORD	VA
	SR	CHESAPEAKE	VA
	Z	SPENCER	WV
6.09 /7.11	ZLR	#LOGAN	WV
7.72 /7.12	MM	ALBANY	GA
	S	AUGUSTA	GA
	CMA	CEDARTOWN	GA
	HCA	CLARKESVILLE	GA
	ASZ	WINCHESTER	KY
	N	ACKERMAN	MS
	REW	GAST/SPCR MT	NC
	Z	ROCKY MOUNT	NC
	JMT	MYRTLE BEACH	SC
	ZYX	COLUMBIA	TN
	WAH	MEMPHIS	TN
	EAJ	OAK RIDGE	TN
	DE	COLLINSVILLE	VA
	DKM	BRIDGEPORT	WV
7.735/7.135	BZJ	DALTON	GA
	FRM	MILLEDGEVILLE	GA
	Y	VALDOSTA	GA
	LRQ	PETAL	MS
	GBH	BREVARD	NC
	GJN	WILMINGTON	NC
	ABW	CHERAW	SC
	EDS	ALAMO	TN
	AZJ	PEARISBURG	VA
	HB	RICHMOND	VA
	MR	DAVIS	WV
7.75 /7.15	TFW	ALBANY	GA
	BYK	CUMMING/SAWNEE	GA
	YXO	#GREENSBURG	KY
		JACNITO	MS
	IZ	PEARL/RANKIN CO	MS
	VLY	MORGANTON	NC
	TQD	RALEIGH	NC
	NUN	MONCKS CORNER	SC
	SDT	SIMPSONVILLE	SC
	PCD	NASHVILLE	TN
	EAJ	OAK RIDGE	TN
	VRD	CLIFTON FORGE	VA
	QJZ	JEWELL RIDGE	VA
	SVR	ST ALBANS	WV
7.765/7.165	SES	DOUGLAS	GA
	KIN	FORSYTH	GA
	HBM	LEXINGTON	KY
	UBY	PRESTONSBURG	KY
	MFP	HIGH POINT	NC
	PBK	LUMBERTON	NC
	VIA	GREENWOOD	SC
	QF	ERWIN/UNICOI CO	TN
	CEX	PURYEAR	TN
	CXD	FOREST	VA
	CTF	NEWPORT NEWS	VA
	K	WESTON	WV
7.78 /7.18	BMA	AUGUSTA	GA
	NHW	BALDWIN	GA
	BDP	WARNER ROBINS	GA
	H	BAXTER	KY
	CN	LOUISVILLE	KY
	OOC	ASHEVILLE/FLATTP	NC
	EJJ	SANFORD	NC
	CTJ	WILMINGTON	NC
	SC	FORT MILL	SC
	HNK	SUMMERVILLE	SC
	DES	CLEVELAND	TN
	KOG	MEMPHIS	TN
	ZGA	NASHVILLE	TN
	YKV	AMELIA COURTHSE	VA
	°	#PKS KB/PULASKI	VA
	OHX	LEON	WV
7.795/7.195	JPD	ATLANTA	GA
	UCJ	BOSTON	GA
	VF	LEXINGTON	KY
	FYW	SUMRALL	MS
	OX	CASTORIA	NC
	NIN	LENOIR	NC
	PNZ	FLORENCE	SC
	AZQ	KNOXVILLE	TN
	RTS	LYNCHBURG	VA
	ELM	SMITHFIELD	VA
	H	HORSEPEN MT	WV
7.81 /7.21	EMM	CONYERS	GA
	WHD	#LOOKOUT MTN	GA
	TO	SAVANNAH	GA
	HY	OWENSBORO	KY
	SPJ	UNION	MS
	BUZ	GREENSBORO	NC
	NTQ	WHITEVILLE	NC
	AVU	LITTLE MT.	SC
	WS	COOKEVILLE	TN
	WKJ	JACKSON	TN
	NJH	AMBER RIDGE	WV
	FMD	CLARKSBURG	WV
7.825/7.225	ZUN	COMMERCE	GA
	LVY	SUMMERVILLE	GA
	NFK	LITCHFIELD	KY
	OXA	D'IBERVILLE	MS
	DRL	WARSAW	MS
	WTX	HILLSBOROUGH	NC
	OOC	MORG WALKER TOP	NC
	DTW	SANTEE	SC
	OAH	MORRISTOWN	TN
	VXR	HAMPTON	VA
	RAG	HARRISONBURG	VA
	NRK	PRINCETON	WV
7.84 /7.24	NFG	IRWINTON	GA
	DII	ASHLAND	KY
	BHM	FARMINGTON	KY
	AI	FRANKFORT	KY
	R	TUPELO	MS
	SE	CARTHAGE	NC
	PBG	FOREST CITY	NC
	GHZ	FRANKLIN	NC
	ILN	HILTON HEAD	SC
	VT	LANCASTER	SC
	BKY	GALLATIN	TN
	KZL	ELK CRK/IRON MTN	VA
	OG	LUNENBURG CT.HSE	VA
7.855/7.255	KDT	ATLANTA	GA
	IOX	DIXON	KY
	CO	HIGHLAND HEIGHTS	KY
	RC	LAUREL	MS
	AV	ASHEBORO	NC
	KNI	HENDSVL/PENIC/MT	NC
	BZU	NASHVILLE	TN
	SI	PETROS/FRZ HD MT	TN
	TVS	ACCOMAC	VA
	CYZ	DANTE	VA
	EQC	HINTON	WV
	LLM	PARKERSBURG	WV
7.87 /7.27	EBB	AMERICUS	GA
	KMS	COVINGTON	GA
	KWT	LOUISVILLE	KY
	GSB	ST. CHARLES	KY
	USN	ABERDEEN	MS
	H	RALEIGH BENSON	NC
	SM	WAYNESVILLE	NC
	LET	CHARLESTON	SC
	JRJ	SENECA/LONG MT	SC
	YQC	GALLATIN	TN
	FH	JOHNSON CITY	TN
	TMC	PINSON	TN
	IKL	GUM SPRING	VA
	QWO	ROANOKE/POOR MTN	VA
	S	SCOTT DEPOT	WV
7.885/7.285	LYV	#ASHBURN/TIFTON	GA
	VBX	#ATLANTA/GPCO	GA
	ZFH	LONDON	KY
	FGA	MARION	KY
	SPF	COLUMBIA	MS
	CTS	CORINTH	MS
	ADM	AIKEN	SC
	AM	MYB BCH/BRKSVIL	SC
	MGM	WHITE OAK MTN	SC
	PUX	PIKEVILLE	TN
	QWD	MARTINSVILLE	VA
	HNS	PRUCE KNOB	WV
7.90 /7.30	YSV	ROME	GA
	MU	#WARNER ROBINS	GA
	ICN	ALLEN	KY
	SJH	SPRINGFIELD	KY
	LNY	MAGEE	MS
	YJG	JEFFERSON	NC
	JEX	KANNAPOLIS	NC
	MZP	RED SPRINGS	NC
	YGX	TUCKASEGEE	NC
	UQC	WILSON	NC
	ESG	AWENDAW	SC
	BBB	KNOXVILLE	TN
	ADT	MEMPHIS	TN
	ZSA	NASHVILLE	TN
	SPS	FRANKLIN	VA
	ZR	LEXINGTON	VA
	NSL	HARRISVL/PENSBRO	WV
7.915/7.315	REB	TWIN CITY	GA
	TX	#HODGENVILLE	KY
	IL	SALEM	KY
	JYH	SAURATOWN MT	NC
	PPD	SHALLOTTE	NC
	UZT	N. SPARTANBURG	SC
	ARK	#MURFREESBORO	TN
	HZN	ROGERSVILLE	TN
	HWQ	GRUNDY	VA
7.93 /7.33	BXO	LAGRANGE	GA
	TO	SAVANNAH	GA
	DIP	TOCCOA	GA
	KWH	ASHLAND	KY
	KNE	MT. STERLING	KY
	IUI	PROVIDENCE	KY
	CYP	MCHENRY	MS
	EPP	PHILADELPHIA	MS
	LPL	FAYVILLE/FT BRAGG	NC
	K	LENOIR/HIBRITN	NC
	NUY	COLUMBIA	SC
	KAO	LEXINGTON	SC
	VXW	COVINGTON	TN
	ORB	MORGAN COUNTY	TN
	ZR	LEXNGTN/ROCK MT.	VA
	ZIP	WARSAW	VA
7.945/7.345	NEQ	ATLANTA/MARIETTA	GA
	PJR	JESUP/SCREVEN	GA
	IZD	LYNCH/BLACK MT	KY
	JC	CLINTON	MS
	ZMZ	#UTICA	MS
	NYR	SHELBY	NC
	TEP	WASHINGTON	NC
	UVH	HENDERSONVILLE	TN
	L	ABINGDON	VA
	UTN	GLADYS	VA
	ZBF	YORKTOWN	VA
	RUA	FRANKLIN	WV
	K	LOGAN/SUMERCO	WV
7.96 /7.36	CLC	DOUGLASVILLE	GA
	HZX	DUBLIN	GA
	Z	LOUISVILLE	KY
	CJR	HATTIESBURG	MS
	PKU	LOUISVILLE	MS
	SVC	NATCHEZ	MS
	KDB	BOONE/RICH MTN	NC
	LDB	DURHAM	NC
	PET	LUMBERTON	NC
	EOY	COLUMBIA	SC
	OAK	LAFOLLETTE	TN
	BS	MEMPHIS	TN
	NTM	NASHVILLE	TN
	KLX	PARIS	TN
	CBB	CHESTERFIELD	VA
	OLM	STUARTS DRAFT	VA
7.975/7.375	TQU	ATHENS/CRAWFORD	GA
	VAK	LAFAYETTE	GA
	CO	WALTON	KY
	VFU	GULFPORT	MS
	YN	BURNSVILLE	NC
	ROK	GREENVILLE	NC
	JFN	#HAW RIVER	NC
	DCD	TABOR CITY	NC
	JMT	GEORGETOWN	SC
	LEO	GREENVILLE	SC
	HL	#DICKSON	TN
	ILD	LYNCHBURG	VA
	NV	VIRGINIA BEACH	VA
	LNB	GRAFTON	WV
	WMX	ST ALBANS	WV
7.98 /7.38	NAY	PONTOTOC	MS
7.99 /7.39	IMK	THOMASTON	GA
	NON	COVINGTON	KY
	ACR	CRESTWOOD	KY
	PDJ	#WHTSBRG/PINE MT	KY
	SO	FOREST	MS
	UNA	PRENTISS	MS
	CHZ	AQUADALE	NC
	PLY	CHARLOTTE	NC
	IUY	CLAYTON	NC

QBG EDEN/STONEVILLE ..... NC
FAU SHALLOTTE ..... NC
FEC LEXINGTON ..... SC
TA CLARKSVILLE ..... TN
VEU DAYTON/RHEA CTY ..... TN
BJY OAKFIELD ..... WV
ARO PETERSBURG ..... VA
D LEWISBURG ..... WV
CRW PARKERSBURG ..... WV
6.19 /7.51 HBY MEMPHIS ..... TN
7.075/7.675 NGQ FRANKFORT ..... KY
7.315/7.915 STJ #FORSYTH ..... GA

220 MHZ

2.18 /3.78 OHX #LEON ..... WV
2.30 /3.90 RAB HERMITAGE ..... TN
2.32 /3.92 UXD AUGUSTA ..... KY
2.34 /3.94 QK ASHLAND ..... KY
GP CLARKSVILLE ..... TN
ZJM MEMPHIS ..... TN
2.38 /3.98 ZSA GALLATIN ..... TN
2.42 /4.02 JEH #CONYERS ..... GA
2.46 /4.06 NYR SHELBY ..... NC
2.48 /4.08 NTM NASHVILLE ..... TN
2.50 /4.10 F BALDWIN ..... GA
DBB ROANOKE ..... VA
2.52 /4.12 NFP ATLANTA/MARIETTA ..... GA
NA MIDDLESBORO ..... KY
BEC BALD CREEK ..... NC
GYM WEST COLUMBIA ..... SC
G FLAT TOP/WINTRPL ..... WV
2.54 /4.14 WOR GREENSBORO ..... NC
QHF PICKENS/CSRS HD ..... SC
SGS FRANKLIN ..... TN
YQC CHARLOTTESVILLE ..... VA
M WILLIAMSON ..... WV
2.56 /4.16 JNN BISKEY MTN ..... GA
IFL CHEAHA MTN, AL ..... GA
K LENOIR/HIBRITN ..... NC
S NASHVILLE ..... TN
2.58 /4.18 GLC BRUNSWICK ..... GA
YDX DALLAS ..... GA
NRL CHARLESTON ..... SC
ZMS BEDFORD/APL ORCH ..... VA
2.60 /4.20 OVY ATLANTA-NE ..... GA
UA AUGUSTA ..... GA
GN WILMINGTON ..... NC
ILY GREENVILLE ..... SC
KMG BLOUNTVILLE ..... TN
YTU BROWNSVILLE ..... TN
PEA HAMPDEN-SYDNEY ..... VA
2.62 /4.22 CR VERSAILLES ..... KY
C ROCKY MOUNT ..... NC
FZK KNXVL/CROSS MT ..... TN
BN SPRINGFIELD ..... TN
GUG STUART ..... VA
2.64 /4.24 YYD FORT MTN/CHATSWO ..... GA
KNI HENDSVL/BERWLW M ..... NC
2.66 /4.26 L MARIETTA ..... GA
BVW ASHVL/MT PISGAH ..... NC
WTX HILLSBOROUGH ..... NC
NP SHORT MTN ..... TN
2.68 /4.28 BLR ATLANTA ..... GA
OAK LAFOLLETTE ..... TN
M LYNCHBURG ..... VA
2.70 /4.30 NYV TEMPLE ..... GA
MKT LOUISVILLE ..... KY
AI SOMERSET ..... KY
PVI STATESVILLE ..... NC
2.72 /4.32 MTA ACWORTH ..... GA
JBF THOMASVILLE ..... GA
WA PASCAGOULA ..... MS
SQN JACKSONVILLE ..... NC
X PICKENS/SASFR MT ..... SC
US CLEVELAND ..... TN
2.74 /4.34 DOC ATLANTA ..... GA
AZA THOMASVILLE ..... NC
2.76 /4.36 BZJ DALTON ..... GA
PAC GRIMESLAND ..... NC
TYO MARSHALL ..... NC
ZOE NASHVILLE ..... TN
YST CHARLESTON ..... WV
2.78 /4.38 RBT CLEVELAND ..... GA
OQJ KNOXVILLE ..... TN
QT DANVILLE ..... VA
2.80 /4.40 EKR ELLISVILLE ..... MS
BFB CHARLOTTE ..... NC
QHF PICKENS ..... SC
YGI COLLIERVILLE ..... TN
RBB MORRISTOWN ..... TN
2.82 /4.42 YSV ROME ..... GA
AO LEXINGTON ..... KY
VEZ #LOUISVILLE ..... KY
BS MEMPHIS ..... TN
DE COLLINSVILLE ..... VA
GSM NORTON/HIGH KNOB ..... VA
2.84 /4.44 NEQ ATL/MARIETTA ..... GA
CW WEST SPRINGS ..... SC
OG NASHVILLE ..... TN
FUV SEVIERVILLE ..... TN
2.86 /4.46 HT CALHOUN ..... GA
Y VALDOSTA ..... GA
ZTJ SHELBY ..... NC
YON KNOXVILLE ..... TN
2.88 /4.48 PRH NORCROSS ..... GA

ZIA LOCUST ..... NC
ZGA NASHVILLE ..... TN
2.90 /4.50 MTA MARIETTA ..... GA
TYP BILOXI ..... MS
YNY WILMINGTON ..... NC
BBB KNOXVILLE ..... TN
DRL MEM/FISHERVILLE ..... TN
BVI MARTINSVILLE ..... VA
2.92 /4.52 KSM WALESKA/PNLGMT ..... GA
RPB GLEN ..... MS
RWN LITTLE MTN ..... SC
OBW JONESBOROUGH ..... TN
ONG RICHMOND ..... VA
2.94 /4.54 YEA DALLAS ..... GA
BVW MT MITCHELL ..... NC
2.96 /4.56 DOC ATLANTA ..... GA
RXF LANCASTER ..... KY
EHF FAYETTEVILLE ..... NC
KAO LEXINGTON ..... SC
ARY BLF/ONEIDA PK ..... VA
2.98 /4.58 F PIKEVILLE ..... KY
AA #ROCKY MOUNT ..... NC
YHH SAURATOWN MT ..... NC
VFD CROSS ..... SC
KFI KNOXVILLE ..... TN
3.00 /4.60 GIS CARTERSVILLE ..... GA
PLA ASHEVILLE ..... NC
HMT LAKE GASTON ..... VA
3.02 /4.62 ZTL ATLANTA/BELL ..... GA
DAR PIKEVILLE ..... KY
THN GLOUCESTER PT. ..... VA
3.04 /4.64 ABZ RINGGOLD ..... GA
PEN RALEIGH ..... NC
YHH WINSTON-SALEM ..... NC
SWI COLUMBIA ..... SC
RGQ MORRISTOWN ..... TN
3.06 /4.66 BKM MACON ..... GA
PLA MARS HILL ..... NC
AM SUNSET BEACH ..... NC
VFR SUMTER/SHAW ..... SC
S NASHVILLE ..... TN
3.08 /4.68 BZJ DALTON ..... GA
KPF LK NORMN/CLT ..... NC
CO OAKFIELD ..... TN
RCL WAYNESBORO ..... VA
3.10 /4.70 PZD HIRAM ..... GA
RBL LA GRANGE ..... KY
RXG SAURATOWN MT ..... NC
GONG ALLITAN ..... TN
IBW SEVIERVILLE ..... TN
ARO PETERSBURG ..... VA
3.12 /4.72 WR CLAYTON ..... GA
DAN TRENTON ..... NC
KO COLUMBIA ..... TN
3.14 /4.74 KVC DALTON ..... GA
CJR HATTIESBURG ..... MS
UO OXFORD ..... NC
PYI #NASHVILLE ..... TN
RAG STAUNTON ..... VA
WQJ VIRGINIA BEACH ..... VA
3.16 /4.76 BOC STONE MT ..... GA
EXU SALISBURY ..... NC
E GREENBRIER ..... TN
TFZ CHARLOTTESVILLE ..... VA
3.18 /4.78 KLW ROCKMART ..... GA
D ACKERMAN ..... MS
WGY EDEN ..... NC
BR ORANGEBURG ..... SC
VCM CHATTANOOGA ..... TN
UCI JC/BUFFALO MT ..... TN
KOG MEMPHIS ..... TN
3.20 /4.80 ZGN ELLIJAY ..... GA
BD LEXINGTON ..... KY
PML MORGANTON ..... NC
WJD WENDELL ..... NC
E GREENBRIAR ..... TN
IBW SEVIERVILLE ..... TN
3.22 /4.82 C ATLANTA ..... GA
MOP LOUISVILLE ..... KY
D ACKERMAN ..... MS
DWU CANTON ..... NC
BX GREENSBORO ..... NC
3.24 /4.84 MU WARNER ROBINS ..... GA
DAN GRIFTON ..... NC
PHT DAYTON ..... TN
PRD NASHVILLE ..... TN
PLV BEDFORD ..... VA
4.34 /4.84 YGI CHEAHA MTN, AL ..... GA
3.26 /4.86 JNN ALPHARETTA ..... GA
GYR SUMTER ..... SC
PVT HAMPTON ..... VA
3.28 /4.88 LUQ YORKVILLE ..... GA
AI SOMERSET ..... KY
VNO BAY ST. LOUIS ..... MS
AIH ANDREWS/ROBBINSV ..... NC
RXG SAURATOWN MT ..... NC
DRL FISHERVILLE ..... TN
3.30 /4.90 QPL MARIETTA ..... GA
ST PONTOTOC ..... MS
EOY COLUMBIA ..... SC
ZOK CHATT/SIGNAL MT ..... TN
SBX GRAY/HOLSTON MTN ..... TN
HQ DELTAVILLE ..... VA
3.32 /4.92 IFL RALEIGH ..... NC

NYK ROPER MT/GRNVL ..... SC
LGA BLFD/E.RIVER MTN ..... VA
3.34 /4.94 KXO AUGUSTA ..... GA
EV ROSSVILLE ..... GA
JJ FLORENCE ..... SC
NKM GREENEVILLE ..... TN
PCD NASHVILLE ..... TN
EM ROANOKE/CHAUS MT ..... VA
3.36 /4.96 ZJG HIRAM ..... GA
JTX CHERRYVILLE ..... NC
CH GOLDSBORO ..... NC
UQS HENDERSONVILLE ..... NC
WTB SAURATOWN MT ..... NC
TUN AIKEN ..... SC
RA LAVERGNE ..... TN
3.38 /4.98 JSR CUMMING ..... GA
PNG JARVIS ..... KY

440 MHZ

4.00 /1.25 ZTL #ATLANTA/BELL ..... GA
TO SAVANNAH ..... GA
CNN GOOSE CREEK ..... SC
EM MEMPHIS ..... TN
9.25 /1.25 PXX BRNSWK/JEKYLL IS ..... GA
PPN CHARLOTTE ..... NC
AT #GREENSBORO ..... NC
GUP LEXINGTON ..... SC
ZQ NASHVILLE ..... TN
9.250/1.250 BEJ ELIZABETHTOWN ..... KY
TPI PULASKI ..... TN
9.25 /3.25 UMU SUMTER ..... SC
VHP SAVANNAH ..... GA
HTB BOWLING GREEN ..... KY
NOJ GAUTIER ..... MS
NOJ WAYNESBORO ..... VA
MM ALBANY ..... GA
AOH OWENSBORO ..... KY
NYR #SHELBY ..... NC
6.25 /9.25 FHL ROANOKE/POOR MT. ..... VA
7.00 /2.00 RTH ALPHARETTA ..... GA
ORL LOUISVILLE ..... KY
KPW #MARSHALL ..... NC
HMT GASBURG ..... VA
T WYTHE/WALKER MTN ..... VA
7.025/2.025 NMF #ATLANTA ..... GA
SWI CLEVELAND/BEAN M ..... TN
7.05 /2.05 KDO MARIETTA ..... GA
XV JASPER ..... TN
BJY MEDINA ..... TN
7.075/2.075 VOS STANTON ..... KY
GYM COLUMBIA ..... SC
VY DAYTON ..... TN
7.10 /2.10 CNG ATLANTA ..... GA
RBL LAGRANGE ..... KY
ABJ MILAN ..... TN
7.125/2.125 PLP ROSSVILLE ..... GA
7.15 /2.15 QO ROSWELL ..... GA
BEA RALEIGH ..... NC
J CHATTANOOGA ..... TN
7.150/2.150 TPI PULASKI ..... TN
7.175/2.175 BZJ #DALTON ..... GA
CRM MARTINSVILLE ..... VA
7.20 /2.20 APR DECATUR ..... GA
DWU ELLISVILLE ..... MS
GN WILMINGTON ..... NC
YCR BETHPAGE ..... TN
SBX GRAY/HOLSTON MT ..... TN
BJY OAKFIELD ..... TN
7.225/2.225 DYH LOUISVILLE ..... KY
GUG STUART ..... VA
7.25 /2.25 DWU ELLISVILLE ..... MS
PQA GREENVILLE ..... SC
DES CLEVELAND ..... TN
HTI COVINGTON ..... VA
7.275/2.275 VTT MACON ..... GA
ZCM AUBURN ..... NC
7.30 /2.30 NOG DULUTH ..... GA
OOC MORG. WALKER TOP ..... NC
OOZ SUMMERVILLE ..... SC
UBR COOKEVILLE ..... TN
VDZ RICHMOND ..... VA
BS BECKLEY/BOLT ..... WV
7.325/2.325 NA MIDDLESBORO ..... KY
JSR CHATTANOOGA ..... TN
7.35 /2.35 NHW BALDWIN ..... GA
TU LAKE GASTON ..... NC
7.375/2.375 PXV WEST JEFFERSON ..... NC
7.40 /2.40 UER WARM SPRINGS ..... GA
XV LATONIA ..... KY
WJD WENDELL ..... NC
QHF PICKENS/CSRS HD ..... SC
YI LYNCHBG/JACK MT. ..... VA
7.425/2.425 HCA CLARKESVILLE ..... GA
FIE MADISONVILLE ..... KY
7.45 /2.45 CLR LOUISVILLE AREA ..... KY
LMR RALEIGH ..... NC
NEB CLEVELAND ..... TN
7.475/2.475 NVG LAVONIA ..... GA
7.50 /2.50 IWZ ALLEN ..... KY
RYM LOUISVILLE ..... KY
NTZ KNOXVILLE ..... TN
CA ROANOKE/POOR MT ..... VA
7.500/2.500 YNY WILMINGTON ..... NC
7.525/2.525 TUF #ATLANTA ..... GA
KMV FORT WRIGHT ..... KY

7.55 /2.55 JEH CONYERS ..... GA
ELX LOUISVILLE ..... KY
MMY PITTSBORO ..... NC
ZBE RICHMOND ..... VA
7.60 /2.60 USU MURPHY ..... NC
SSB GALLATIN ..... TN
ARO PETERSBURG ..... VA
VA #HUNTINGTON ..... WV
7.625/2.625 NSO GAINESVILLE ..... GA
AM SUNSET BEACH ..... NC
EPG MEMPHIS ..... TN
7.65 /2.65 JZI PALMER ..... TN
ZMS BEDFORD/APL ORCH ..... VA
7.70 /2.70 ZGN #ELLIJAY ..... GA
TO SAVANNAH ..... GA
VG ROANOKE/POOR MT. ..... VA
7.725/2.725 YJ LOUISVILLE ..... KY
R GREENSBORO ..... NC
7.75 /2.75 EMM #CONYERS ..... GA
GR BAKERSVILLE ..... NC
7.775/2.775 EBZ MADISONVILLE ..... KY
7.80 /2.80 AAD YADKINVILLE ..... NC
EPG JACKSON ..... TN
MIC GUM SPRING ..... VA
7.825/2.825 G MEMPHIS ..... TN
7.85 /2.85 QGH LAWRENCEVILLE ..... GA
7.875/2.875 IWK MACON ..... GA
7.90 /2.90 I HOG MOUNTIAN ..... GA
AIA IRVINE ..... KY
AZA THOMASVILLE ..... NC
SSB NEW DEAL ..... TN
7.925/2.925 YHM EATONTON ..... GA
7.95 /2.95 FU LYNCHBURG ..... VA
7.975/2.975 YNZ ATLANTA ..... GA
8.00 /3.00 OGF CHATSWORTH ..... GA
KPW #MARSHALL ..... NC
YP PIKEVILLE ..... NC
EOY COLUMBIA ..... SC
ZJM MEMPHIS ..... TN
X WHITETOP MTN. ..... VA
EZR HUNTINGTON ..... WV
8.80 /3.00 KOG MEMPHIS ..... TN
8.025/3.025 NMF #ATLANTA ..... GA
IEZ JULIETTE ..... GA
DZ BURLINGTON ..... NC
UAG KNOXVILLE ..... TN
8.05 /3.05 CH GOLDSBORO ..... NC
PUB #NASHVILLE ..... TN
8.075/3.075 ZIZ MACON ..... GA
UAG KNXVL/CROSS MTN ..... TN
8.10 /3.10 GGC SAURATOWN MT ..... NC
GPM FAYETTEVILLE ..... TN
JXT MEMPHIS ..... TN
NKO CHESAPEAKE ..... VA
QG POWHATAN ..... VA
FHE BUCKHANNON ..... WV
8.125/3.125 DEB HAMPTON ..... GA
NNA RALEIGH ..... NC
8.15 /3.15 QO ROSWELL/BELL ..... GA
HG SALISBURY ..... NC
MHR ST. ALBANS ..... WV
8.20 /3.20 APP HIGH HOUSE MTN ..... GA
ZIA #HAMLET ..... NC
UG GRNVLE/VIKING MT ..... TN
BS MEMPHIS ..... TN
8.225/3.225 QCP JONESBORO ..... GA
ZCM RALEIGH ..... NC
8.25 /3.25 JNN ALPHARETTA ..... GA
POG THOMASVILLE ..... GA
VF DORTON ..... KY
GMQ GRAINGERS ..... NC
JEX KANNAPOLIS ..... NC
8.275/3.275 KLW ROCKMART ..... GA
AWI LEBANON ..... TN
8.30 /3.30 DZJ WIGGINS ..... MS
SVQ ARCHDALE ..... NC
IEV #RATTLESNAKE MTN ..... NC
KJH GATLBG/COVE MT ..... TN
8.325/3.325 JMD STOCKBRIDGE ..... GA
JMD STOCKBRIDGE ..... GA
EQT LAWRENCEBURG ..... KY
8.35 /3.35 YYD FORT MTN/CHATSWO ..... GA
VEI PETAL ..... MS
JEX KANNAPOLIS ..... NC
N GRNVLE/PARIS MT ..... SC
AWI DEASON ..... TN
LFU RICHMOND ..... VA
8.375/3.375 AQS CALHOUN/JASPER ..... GA
IFL RALEIGH ..... NC
8.40 /3.40 EKZ CEDARTOWN ..... GA
RDM HAMPTON ..... GA
GUG SAURATOWN MT ..... NC
RPC YAUPON BEACH ..... NC
TUN AIKEN ..... SC
DBJ CUMBERLAND CITY ..... TN
QWW MEMPHIS ..... TN
8.425/3.425 CPO BRUNSWICK ..... GA
MDE JASPER ..... GA
SQC JOHNSON CITY/HOL ..... TN
8.45 /3.45 VAK HIGH PT/LOOKT MT ..... GA
ELX LOUISVILLE ..... KY
VOZ STATESVILLE ..... NC
8.475/3.475 X #CHAPEL HILL ..... NC
TWX FORT MILL ..... SC

FWL BECKLEY....WV
8.50 /3.50 EQC LOUISVILLE....KY
TZV MAYSVILLE....KY
UBY META....KY
X LAUREL....MS
PQZ G'BORO/H POINT....NC
WKS PARIS/GROVE HL....TN
CWB SEVIERVILLE....TN
8.500/3.50 BQX MARIETTA....GA
8.525/3.525 KLW ROCKMART....GA
8.55 /3.55 IN DACULA....GA
HZX GRAEFENBURG....KY
LRQ HATTIESBURG....MS
XE ROARING GAP....NC
ELM SMITHFIELD....VA
8.575/3.575 NTF CEDARTOWN....GA
PXV BOONE/RICH MTN....NC
IDG LEBANON....TN
8.60 /3.60 BA MARIETTA....GA
HYE MENDENHALL....MS
DWU MT MITCHELL....NC
CXD FOREST....VA
8.625/3.625 RZ JACKSON, EAST....MS
MJN JAMESTOWN....TN
E BLUEFIELD....VA
8.65 /3.65 ZV ATLANTA....GA
D ACKERMAN....MS
AIH ANDREWS/ROBBINSV..NC
UMI HAMPTON....VA
BON ROANOKE/POOR MT..VA
8.675/3.675 FRP CROWDERS MTN....NC
IBW SEVIERVILLE....TN
8.70 /3.70 BA MARIETTA....GA
LXW HIGH POINT....NC
LBT LOCUST....NC
DOR BARTLETT....TN
OTK LAFOLLETTE....TN
8.725/3.725 OTT CARTHAGE....TN
8.75 /3.75 TF COVINGTON....GA
YOT GASTONIA/CROWDER NC
EDS ALAMO....TN
KZK ROANOKE/AIRPORT....VA
8.775/3.775 CR VERSAILLES....KY
JFN HAW RIVER....NC
YF LAURENS....SC
8.80 /3.80 NFP ATLANTA/MARIETTA....GA
IAT NATCHEZ....MS
HNK #SUMMERVILLE....SC
CWB SEYMOUR....TN
ZMS BEDFORD/APL ORCH..VA
NDH CHESAPEAKE....VA
8.825/3.825 KRM SHELBYVILLE....TN
KZI PETERSBURG....VA
8.85 /3.85 YSV WALESKA/PNLOG MT..GA
ULM FRANKLIN....TN
8.875/3.875 LXT ATLANTA....GA
KPW PINEY KNOB....NC
DUM WILLIS....VA
SP FAIRMONT....WV
8.90 /3.90 DEB GRIFFIN....GA
DWU ELLISVILLE....MS
JIF HIGH POINT....NC
EVG CHESAPEAKE....VA
8.925/3.925 LJU RINGGOLD....GA
YR SOUTH BOSTON....VA
8.95 /3.95 UFM DECATUR....GA
OWV CHARLOTTE....NC
RYF MEMPHIS....TN
NTG WILLIAMSBURG....VA
8.975/3.975 WGY EDEN....NC
BRN MEMPHIS....TN
WJS ROCKWOOD....TN
RA SMRYNA....TN
FIP WESTON....WV
9.00 /4.00 QDX LAWRENCEVILLE....GA
AFY SAVANNAH....GA
YV CLINTON....MS
JEQ HICKORY....NC
WAA #ROCKY MT....NC
YP SELMA....NC
JJ FLORENCE....SC
BKY GALLATIN....TN
ETE MEMPHIS....TN
CWB SEVIERVILLE....TN
SN PORTSMOUTH....VA
IT BECKLEY/BOLT....WV
9.025/4.025 QDX ATLANTA....GA
DZ HIGH POINT....NC
RDK MEMPHIS....TN
9.05 /4.05 NEQ ATLANTA/MARIETTA....GA
OLC TAYLORSVL/BARR M....NC
OG NASHVILLE....TN
OLM STUARTS DRAFT....VA
9.075/4.075 UP ETHRIDGE....TN
PDQ MARYVILLE....TN
QA MEMPHIS....TN
9.10 /4.10 BKM MACON....GA
MNI BOWLING GREEN....KY
UL LOUISVILLE....KY
WTX DURHAM....NC
MZL LANCASTER....SC
AM CHATTANOOGA....TN
FH JOHNSON CITY....TN
JXT MEMPHIS....TN

FOZ STAUNTON/EL KNOB ...VA
ZIN WILLIAMSBURG....VA
9.125/4.125 J CARTERSVILLE....GA
YOQ BOSTIC....NC
ECD LAFAYETTE....TN
BS PINEVILLE....WV
9.15 /4.15 ZTL ATLANTA/BELL....GA
BJT CLERMONT HARBOR....MS
YCR NEW ALBANY....MS
IZF GASTONIA/CROWDER NC
NTM NASHVILLE....TN
ZR LEXNGTN/ROCK MT. ...VA
9.175/4.175 QOW COVINGTON....GA
COV UNION....KY
NNN KNOXVILLE....TN
WTB STUART/SPOON MTN...VA
FMD CLARKSBURG....WV
9.20 /4.20 LBM DECATUR....GA
OG MARION....KY
TRS PRESTONSBURG....KY
YNF AHOSKIE....NC
GN WILMINGTON....NC
GYM WEST COLUMBIA....SC
YTU BROWNSVILLE....TN
NEX MORRISTOWN....TN
ARK #NASHVILLE....TN
VWR ENON....VA
EZA WAYNESBORO....VA
9.225/4.225 BDP WARNER ROBINS....GA
VWK YANCEYVILLE....NC
ARK NASHVILLE....TN
9.25 /4.25 BOC ATLANTA/STONE MT....GA
DC GLASGOW/CVCTY....KY
CYR GULFPORT....MS
KNI HENDSVL/BERWLW M..NC
BFI YOUNGSVILLE....NC
PAJ BARTLETT....TN
E GREENBRIER....TN
TFZ CHARLOTTESVILLE....VA
ZAR BUCKHANNON....WV
9.275/4.275 VTT MACON....GA
GYT HENDERSON....KY
NC WINSTON-SALEM....NC
GZX CLEVELAND....TN
AXH LEBANON....TN
9.30 /4.30 WH JENKINS....KY
ZZD LOUISVILLE....KY
RC HEIDELBERG....MS
WOR GREENSBORO....NC
KNU WILLIAMSTON....NC
MNH CHARLESTON....SC
DRL FISHERVILLE....TN
GBI KNOXVILLE....TN
BZU NASHVILLE....TN
9.325/4.325 BA MARIETTA....GA
NYR #SHELBY....NC
BZU CLARKSVILLE....TN
T WYTHEVILLE/SAND....VA
ZXP GLENVILLE....WV
9.35 /4.35 WHD #LOOKOUT MTN....GA
Y VALDOSTA....GA
CO WALTON....KY
DZ GIBSONVILLE....NC
KAO #LEXINGTON....SC
BKY GALLATIN....TN
CLA PIGEON FORGE....TN
DBB BEDFORD....VA
YST CHARLESTON....WV
9.375/4.375 IZF JASPER....GA
DAR PIKEVILLE....KY
HAV PEARL....MS
OWU FANCY GAP....VA
9.40 /4.40 UA AUGUSTA....GA
ULJ HAMILTON....GA
LU LAWRENCEVILLE....GA
LTW MERIDIAN....MS
YZF FAYETTEVILLE....NC
YOQ FOREST CITY....NC
KOG MEMPHIS....TN
EAJ OAK RIDGE....TN
WA WATERTOWN....TN
UU DANVILLE....VA
G ALDERSON....WV
9.425/4.425 NNN KNOXVILLE....TN
ISI ALTAVISTA....VA
9.45 /4.45 DOC ATLANTA....GA
LCL JACKSON....MS
CQ CHARLOTTE....NC
YTU BROWNSVILLE....TN
KWP GALLATIN....TN
J SODDY DAISY....TN
MOP BLUEFIELD....VA
MOP BLUEFIELD....WV
9.475/4.475 CLA SWEAT MT/MARIETT....GA
BI PIKEVILLE....KY
DNY GREENSBORO....NC
9.50 /4.50 MM ALBANY....GA
UWL #ATLANTA....GA
APA HENDERSON....KY
MOP LOUISVILLE....KY
WK WAYNESBORO....MS
ICX LEXINGTON....NC
GYR SUMTER....SC
LSP BRISTOL/HLST MT....TN

KSL KNOXVILLE....TN
WAH MEMPHIS....TN
HEX LYNCHBURG/TOBRMT..VA
Y BUCKHANNON....WV
9.525/4.525 VF GRETHEL....KY
MRS NEW HEBRON....MS
PEN RALEIGH....NC
DGP WILKESBORO....NC
AM MYB BCH/BRKSVIL....SC
BGK NASHVILLE....TN
IBW SEVIERVILLE....TN
9.55 /4.55 JEH CONYERS....GA
KQ LEWISPORT....KY
VTE GASTONIA....NC
VM ROANOKE RAPIDS....NC
Y COOKEVILLE....TN
O MCNAIRY....TN
OGT HAMPTON....VA
9.575/4.575 AQG DOUGLASVILLE....GA
MVY PHELPS....KY
HAJ KINSTON....NC
SD SALISBURY....NC
WCK NASHVILLE....TN
DE COLLINSVILLE....VA
9.60 /4.60 KMS COVINGTON....GA
NKL #QUITMAN....GA
NMC LOUISVILLE....KY
CO JACKSON....MS
BFB CHARLOTTE....NC
UO OXFORD....NC
UDD NORTH CHARLESTON..SC
HAP KNOXVILL/ENG MTN...TN
JXI MEMPHIS....TN
K WESTON....WV
9.625/4.625 WQ ATLANTA....GA
QFL HAWESVILLE....KY
OCF RICHTON....MS
DVN LUMBERTON....NC
TK NASHVILLE....TN
E BLUEFIELD....VA
9.65 /4.65 IBW SMYRNA....GA
KOL BOWLING GREEN....KY
ST HORN LAKE....MS
NBG WALLS....MS
J MIDDLESEX....NC
MMB SALISBURY....NC
NKM GREENEVILLE....TN
MWQ #MCMINNVILLE/HF....TN
OYS SHORT MTN....TN
EHJ RICHMOND/CHARVLE VA
9.675/4.675 EBZ NEWNAN....GA
VYX ROBINSON CREEK....KY
DIL CHARLOTTE....NC
SQN JACKSONVILLE....NC
IHW #RESEARCH TRI PK....NC
JMT MYR BCH/CONWAY....SC
PCD NASHVILLE....TN
CO OAKFIELD....TN
MIZ NORFOLK....VA
9.70 /4.70 LUQ DALLAS....GA
IEZ LAKE SINCLAIR....GA
ELN VALDOSTA....GA
AUN LOUISVILLE....KY
UYB SCOTTSVILLE....KY
Y JACKSON....MS
YMY DENVER/CLT....NC
JEH ROCKY MOUNT....NC
WWB GATE CITY....VA
LG MORGANTOWN....WV
9.725/4.725 AOZ WATKINSVILLE....GA
ZY LEXINGTON....KY
ZCD HICKORY FLAT....MS
QDK WINSTON-SALEM....NC
RAV BLUFF CITY....TN
AKM FRANKLIN....TN
FO KEENY MTN....WV
9.75 /4.75 EMM CONYERS....GA
CYR MCHENRY....MS
VZF STARKVILLE....MS
IZF GASTONIA/CROWDER NC
JFN PITTSBORO....NC
TC HENDERSON....TN
KQI FOREST....VA
L CHARLESTON....WV
9.775/4.775 NEQ ATLANTA/MARIETTA....GA
UPE NICHOLASVILLE....KY
YHH KING/SAURATOWN M..NC
ATC RALEIGH....NC
AKM GALLATIN....TN
G PARKERSBURG....WV
9.80 /4.80 ASI COVINGTON....GA
BEJ ELIZABETHTOWN....KY
CO JACKSON....MS
J GREENVILLE....NC
YEC REIDSVILLE....NC
RG GAFFNEY....SC
JXI MEMPHIS....TN
LP MORRISTOWN....TN
MIC OILVILLE....VA
G BECKLEY/OAK HILL....WV
CUL MORGANTOWN....WV
9.825/4.825 DOC ATLANTA....GA
VXR SALEM....KY
DSN AMORY....MS

UY MT AIRY/FSH PK....NC
FC MEMPHIS/ADAMS MK..TN
PYI SMITHVILLE....TN
ZBP STAUNTON....VA
9.85 /4.85 BZJ DALTON....GA
UM MIDWAY....GA
NI NEBO....KY
DU INDIANOLA....MS
WRE POPLARVILLE....MS
CQ CHARLOTTE....NC
GMP WILMINGTON....NC
MWQ MCMINNVILLE....TN
NDQ NORTON/HIGH KNOB..VA
ARO RICHMOND....VA
FMD ELKINS....WV
9.875/4.875 ELV CONYERS....GA
TX #HODGENVILLE....KY
UPE SALVISA....KY
BEC BALD CREEK....NC
LRD CHATTANOOGA....TN
BOX JACKSON....TN
AKM NASHVILLE....TN
WTP BIG "A" MTN....VA
9.90 /4.90 ZGN ELLIJAY....GA
IVB CORBIN....KY
YWH HIGHLAND HEIGHTS....KY
D ACKERMAN....MS
DWT ASHEVILLE....NC
JMS NEW BERN....NC
J WILSON....NC
MMI RAMER....TN
IDG WATERTOWN....TN
XRY FANCY GAP....VA
DEP AUDRA PARK....WV
SCS BELINGTON....WV
9.925/4.925 NNO ATLANTA....GA
PJR JESUP....GA
WZH GLASGOW....KY
LI OLIVE HILL....KY
PYQ SOUTHAVEN....MS
TTE VICKSBURG....MS
XRY MT. AIRY....NC
RZ EASLEY/SAS MTN....SC
BGK COLUMBIA....TN
VIH DOVER....TN
BON ROANOKE/TINKER M...VA
9.95 /4.95 I AUGUSTA....GA
MU WARNER ROBINS....GA
EJA LEXINGTON....KY
EYM WINONA....MS
DW APEX/RALEIGH....NC
WXL DALLAS/CHARLOTTE....NC
PBC CHARLESTON....SC
SIR BENTON/BEAN MT....TN
GP CLARKSVILLE....TN
NNE MEMPHIS....TN
WRN STAUNTON....VA
KXV VIRGINIA BEACH....VA
CQV SO. CHARLESTON....WV
9.975/4.975 YNZ ATLANTA....GA
TVE BRUNSWICK....GA
TAT ASHLAND....KY
CWF NICHOLASVILLE....KY
AGD JACKSON....MS
ML ASHEBORO....NC
ZTJ POLKVILLE....NC
O ORANGEBURG....SC
LP MORRISTOWN....TN
AKM NASHVILLE....TN
AZJ PEARISBURG....VA
EKT WHEELING ....WV
3.85 /8.85 YSV WALUSKA/PINE LOG...GA
4.60 /9.60 SJH SPRINGFIELD....KY
9.25 /1.25 NOJ #GAUTIER....MS
HTB BOWLING GREEN....KY
6.25 /3.25 HEX LYNCHBURG....VA
9.25 /0.00 HTB BOWLING GREEN....KY

920 MHZ

3.252/EACON MW MEMPHIS....TN
7.10 /9.10 BZJ DALTON....GA
8.80 /0.80 LP MORRISTOWN....TN
8.90 /0.90 TT ROANOKE....VA
9.00 /1.00 OSI FOREST....VA
9.10 /1.10 ZMS BEDFORD/APL ORCH..VA
0.25 /3.25 ZGA NASHVILLE....TN

1270 MHZ

6.31 /EACON MW MEMPHIS....TN
5.00 /7.25 NEQ ATL/MARIETTA....GA
7.25 /9.25 EEW NASHVILLE....TN
PPN #CHARLOTTE....NC
2.40 /4.40 WXJ NASHVILLE....TN
4.50 /6.50 ZOE NASHVILLE....TN
1.02 /1.02 DBB ROANOKE/POOR MTN..VA
1.10 /1.10 ZMS BEDFORD/APL ORCH..VA
1.40 /1.40 DOC ATLANTA NORTH....GA
SXY SAURATOWN MTN....NC
1.95 /1.95 YMY CHARLOTTE....NC
2.00 /2.00 KIN ATLANTA/BELL....GA
MW MEMPHIS....TN
2.82 /2.82 IZF GASTONIA/CROWDER NC

ALINCO and WILLIAMS

The Perfect Combination for Quality and Service!

Accessories!! We Got em... See Our Ad On Page 11!

ALINCO DJ-G1T

DJ-G1T
$339.00
7.2v 700 Ma Batt.

DJ-G1T
Dim:
4-1/2h x
2-w x
1-1/2d
(In.) wt.
12.6 oz

Alinco's newest 2M H/T, the DJ-G1T offers the new "Channel Scope" built-in Spectrum Analyzer. This remarkable feature lets you visually monitor band activity much like a Digital Spectrum Analyzer. In addition, DJ-G1T also has 80 memories, full VHF receive coverage, incl. AM Acft., plus 440-449.995 rec. (for Cross Band Semi Duplex), DSQ Paging, CTCSS encode, 6 scan modes, odd splits, 5 auto dialer mem. with prog. delay and much more. 3W - 7.2V 700 Mah batt. std. 5W w/ built-in DC-DC or with 12V opt. Battery.

Most DJ-G1T accessories are available. Watch for 5W (H) and long-last (LL) versions exclusively from Williams soon!!

PRICING NOTICE: Prices listed on this ad are our Everyday low Discount Prices. We anticipate new Alinco Price Discount programs after press-time. Please call to get our latest price specials on Alinco Radios. We'll be VERY Competitive-Guaranteed!

ALINCO DJ-F1T

DJ-F1T
$279.00
7.2v 700 Mah Batt.

DJ-F1T-H
$299.00
7.2v 700 Mah Batt.

DJ-F1T
DJ-F1TH
Dim:
4.3h x
2.1w x
1.5d wt.
12.6 oz

The DJ-F1T has 40 mem., DSQ paging, CTCSS encode, VHF plus AM Acft coverage, auto. batt save., APO, 6 modes of scan, built in DC-DC, lighted keypad & dial. 3w 700 mash batt. std. 5w with opt. 12V batt or direct DC. Also assignable priority and call channels. (The DJ-F1TH is the smallest 5W radio on the Amateur market.) Built tough to last!

ALINCO DJ-180T

DJ-180T
$215.00
7.2v 700 Mah Batt.

DJ-180-H
12v 800 Mah Batt
OR
DJ-180-LL
7.2v 1,500 Mah Batt
$245.00

DJ-180T
Dim:
5.6h x
2.14w x
1.25d
12.3 oz.

(H)&(LL)
6.6h

Compact economical & tough 2M H/T. Frequency step entry, 10 Mem, (opt. 50 or 200) DTMF TT, batt save, APO, scan, kybd/ptt lock. 3w std, 5w with optional DC adapter & cable or 12v battery.

The DJ-180T(H) and (LL) series is packaged by Williams Radio Sales.

AMAZING! DJ-580T DUAL BAND H/T

The DJ-580T Twin Band Handheld sports 40 memory channels which can be REASSIGNED to 2M or 450 as you desire. The DJ-580T with ergonomic design has rugged as nails contruction and all the features you could ever want, incl: DSQ paging, Cross band repeat, CTCSS enc/dec, assignable priority, 8 modes of scan, DC to DC built-in for 5 watts, 3 power levels, APO, battery save, autodialer mem., keybd and ptt lock, lighted key pad and readout.. Theres more! Just check out the DJ-580T today. Williams has 3 different models to choose from: Regular 3W DJ-580T, the (H) Hi-Power 5W & the (LL) Long-Last 1,500 mah 3W models.

DJ-580T
$399.00
7.2v 700 Mah Batt.

DJ-580-H
$429.00
12v 800 Mah Batt.

DJ-580-LL
$429.00
7.2v 1,500 Mah Batt

DJ-580T
Dim:
5.6h x
2.3w x
1.3d (in)
14.4 oz

(H)&(LL)
6.7 high

ALINCO DR-130T

50 Powerful watts from the 2-Meter DR-130T. Has 20 memories, or 100 with the EJ-19U memory expansion unit. User programmable transmitter time out timer (TOT), from 30 to 450 seconds. CTCSS encode with 12 new tones plus 38 std. Decode is opt. with EJ-20U bd. Each memory can be prog independently to incl. any odd offset, tones and shift. New compact size. Tune mem. or VFO or scan from up/down buttons on DTMF TT microphone. Hi/Lo power, Call chan. rev. oper. Orange backlit LCD display. True FM - great sounding!

DR-130T - $329.00
Dim: 5-1/2w x 1-5/8h x 6d - 2.65 lbs

ALINCO DR-570T

The old standard lives on. The 45/35W twin band is still the best $$$ dual band value on the Amateur market. Has 20 mem. Twin LCD (orange backlit) readouts, twin tune, volume and squelch controls. CTCSS enc/dec std. Duplexer built-in. W-I-D-E receive coverage. Tune up/down mem. or VFO on up/dn buttons on 16 pos. TT microphone. Cross band full duplex. Cross band repeat with the simple flick of a switch. The DR-570 comes complete - nothing else to buy! Dual band operation at a great price from Williams Radio Sales!!!

DR-570T - $525.00
Dim: 5-7/8w x 2h x 6-7/8d - 4.05 lbs

ALINCO DR-600T

Here's the fancy one!! Ergonomic design, can be remotely controlled by a handheld. The DR-600 stands alone in the futuristic dual-band transceivers. Head can be remoted with EDC-20 kit. 40+ memories, incl 10 ARM mem. Has 45/35W, AM acft and full VHF/UHF receive. Three power levels, dim/brite soft orange backlit LCD twin readouts. Keyboard enter frequencies from touchtone on microphone. Move mem. or VFO up or down from 16 button TT DTMF microphone. Duplexer option extra. DSQ incl. Buy Now & Save $$$$

DR-600T - $579.00
Dim: 5-7/8w x 2h x 6-7/8d - 4.05 lbs

Please Add $4.00 UPS shipping. For CODs we pay COD charges. NC Residents Add 6% Sales Tax. NO CREDIT CARDS PLEASE.
Prices and Product specifications subject to change without notice or obligation. Williams charges the battery on every handheld sold.
We also provide CAP Modification sheets and discount accessory lists in every radio box we deliver - It's all part of our exclusive service.

WILLIAMS RADIO SALES

600 LAKEDALE ROAD - COLFAX, NC 27235

Now!!! 20 Years of Amateur Radio Service!

(910) 993-5881

OPEN: NOON TO 5 and 7 to 10 PM

Closed Till Noon and 5 to 7 PM

19th Annual Western Carolina Hamfest

(An ARRL Sanctioned Event)

Saturday July 30, 1994
8:00 AM to 4:00 PM
Haywood County Fairgrounds

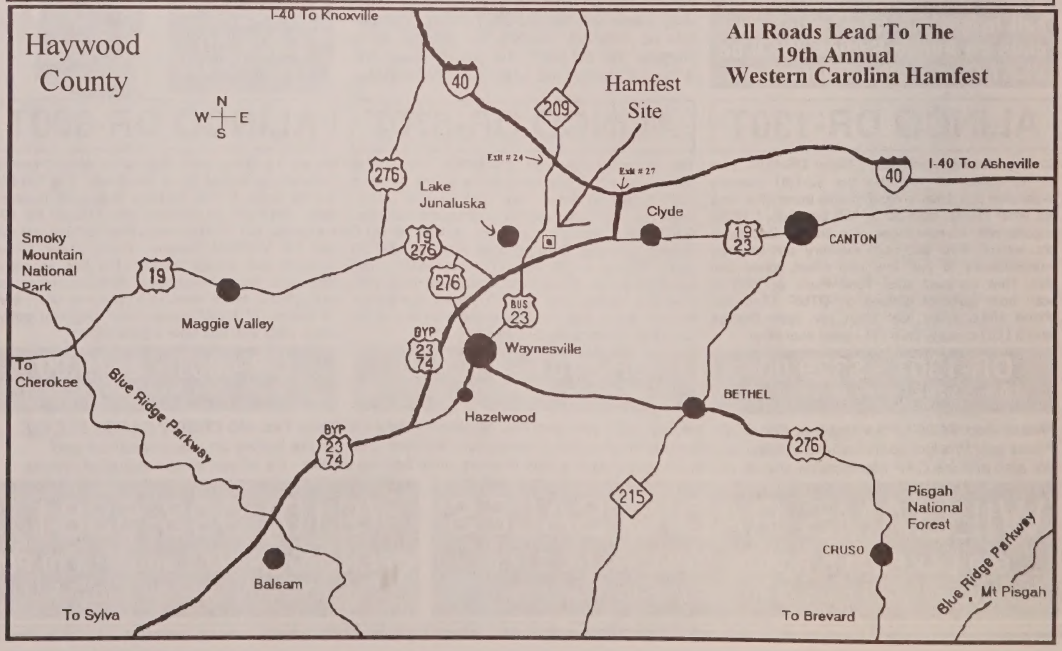
GRAND PRIZE: HF Transceiver
SECOND PRIZE: 2/440 Mobile
PRE-REGISTRATIOM PRIZE: 2/440 Handheld
You Do Not Have To Be Present To Win The Above Prizes
Pre-Registration Drawing at 10:00 AM
Main Prize Drawing at 3:00 PM

VEC Exams 2:00 PM at Haywood Community College
$5.75 - Checks Payable TO WCARS VEC
Walk-Ins Only - No Preregistration Required
Bring Original & Photocopy of License, Any CSCE's and Positive (Photo) ID
Contact Norman Harrill, N4NH at 7 Skylyn Court, Asheville, NC 28806 (704)253-1192

Advance Tickets $4.00 ($5.00 at Gate). Mail Requests To
WCARS Hamfest, PO Box 1488, Asheville, NC 28802-1488
Requests Without SASE or Received After July 10, 1994 Held At The Gate

Dealer Info:	Miriam Smith, KB4C	704-683-4251
Flea Market Info:	Tom Queen, K4BNP	704-258-2639
General Info:	Dick Critchell, KY2Y	704-299-7856

Talk-In 146.76 (WA4BVW, Mt. Pisgah) Primary and 146.91 (W4MOE, Asheville) Alternate



A/D Technologies Inc

If you think you've seen them all then you've obviously missed THIS ONE !

DRC186™
Digital Repeater Controller
TOMORROW'S TECHNOLOGY TODAY

It's the only one YOU need!

FOR MORE INFORMATION, CALL OR WRITE

A/D Technologies, Inc.
4688 Jefferson Township Lane
Marietta GA 30066
(404)992-2026

VISA

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W4CQ Is Proud To Present The 2nd Annual

Charlotte ARC Hamfest And Computer Fair

Sunday August 14, 1994

8:00 am - 4:00 pm

Location: Roll-A-Round Skate Center
8830 East Harris Blvd., Charlotte, N.C. 28227

Facilities: Large **INDOOR, A/C** facility with over 20,000 square feet.

FREE PARKING!

Food: Concessions will be available with a variety of foods.

Tickets: $4.00 in advance, $5.00 at the door.

Tail Gaters: 1 ticket + $2.00 per space. Spaces are limited and must be pre-registered.

Flea Market: 8' x 2' tables are $7.00 in advance, $10.00 the day of the show. Chairs are $1.00 each. Gates open at 5:00 a.m. for unloading only.

Door Prizes: Hourly door prizes will be given.

Talk-In: 147.06 -, 444.85 +

Name: _____ Call: _____

Address: _____

City: _____

State: _____ Zip: _____ Phone: _____

____ Pre-registration tickets @ $4.00 each $ _____

____ Tail gating spaces @ 1 ticket + $2.00 each $ _____

____ Flea market Tables @ $7.00 each $ _____

____ Chairs @ $1.00 each $ _____

Total Enclosed: $ _____

Make checks payable to:
Charlotte ARC

Please send with S.A.S.E. to:

Charlotte ARC
P.O. Box 33582
Charlotte, N.C. 28233-3582

Pre-registrations without S.A.S.E. or received after August 1 will be held at the door.

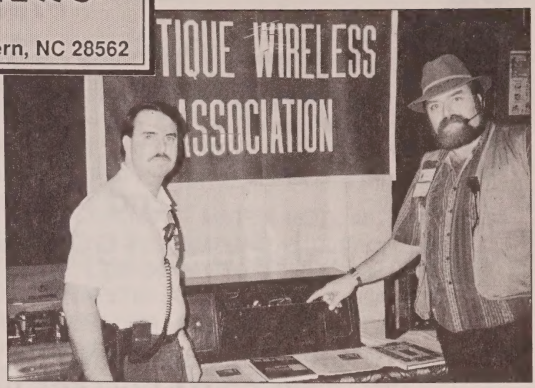
For more information call:
Sam Robertson, KD4UBC
(704) 522-4971 Ext. 3330

NORTH CAROLINA NEWS

Repeater SERA Journal

-by Gene Fegely, K3EJG
News To: 115 Randomwood Lane, New Bern, NC 28562

New Bern ARC club members Charlie Gould, KC3SB, Frank Hoose, K4RZ, Bud Fisher, KC4LHB, Bob Adams, KD4CVF, Paul LoCicero, K4TAF, George Walls, N7COS, and Danny LoCicero, WA4WIV, met at Billy's Ham and Eggs, Glenburnie Road, New Bern to begin the Saturday morning breakfast group.



Mark Cleary, KC4YOI, looks this way and Ron Lawrence, KC4YOY, points at one of the antique radios on display at the Charlotte Hamfest in March. Mark is also the Emergency Coordinator for Mecklenberg County. *-Photos by NC Repeater Journal Correspondent, Gene Fegely, K3EJG*

1994 CALLBOOKS
Guaranteed Best Prices!
REGULAR BOOK PRICES $29.95 EACH
North American $23.00
International $23.00
BOTH FOR $44.00
UPS SHIPPED ONLY - No Phone Calls. Send check or money order along with $5.00 S & H. NC Residents add 6% Tax.
WILLIAMS RADIO SALES
600 LAKEDALE ROAD
COLFAX, NC 27235

Got an interesting note from Cindy Rogers, KR4LS, our newest columnist in the SERA Journal. Congratulations and welcome to the Happy Hamette.

She and hubby Jim, N4FHM, report a successful SKYWARN class in February, hosted by the Cape Fear ARS. Seventy hams from nine counties/clubs attended the course held in Fayetteville and were trained as spotters by the National Weather Service.

Rod Gonski of NWS, and Gary Pearce, KN4AQ, of RARS / SKYWARN taught the when, what, and how of reports to be made to NWS through the appropriate two meter repeaters to NWS/NOAA in Raleigh.

SKYWARN has begun to receive recognition by the news media through the efforts of RARS, GARS, and TEARA, along with Section Manager Reed Whitten, AB4W.

SATURDAY BREAKFASTS

More and more clubs and splinter groups are extending the regular meeting times to Saturday morning breakfasts. The most recent to be the New Bern ARC, which meets bi-weekly at Billy's Ham and Eggs on Glenburnie Road.

Paul LoCicero, K4TAF, and others have promoted this gathering, and invite any hams in the area who may be passing through on Route 70 to check on the 146.61 repeater and see if it's the right weekend.

.....

Carteret County ARS meets on the fourth Saturday at the Rex Restaurant in Morehead City. Ragchew begins at 7:30 AM, with breakfast at 8:00. Check into the 145.45 repeater and get the details from Andy Griffith, W4ULD, or Penny Pennington, K4OJV.

.....

If you are in the High Point Area, breakfast is every Saturday, 8:00 AM, at Mrs Winner's on South Main Street, as announced in the HPARC Newsletter.

.....

The Cape Fear ARS Saturday breakfast starts earliest of all, at 6:00 AM, in the K and W Cafeteria, Village and Owen Drives in Fayetteville. Anyone who makes that meeting must really be interested in ham radio, IMHO.

TORNADO DRILL

Continuing with HPARC's activities, the club held a mock tornado drill on March 26 in conjunction with the High Point Red Cross. Archdale was the simulated tornado site. This activity will continue as an annual event of the Red Cross.

Participants included Bob Reed, N4LAW; Barry Garner, N4UOH; Curtis Bell, N5LCC; Lee Groomes, W4YPV, Mark McMahan, KB4MFP; Lynn Nicks, N4NIS, and Jerry, whose call and last name were forgotten by the contributor.

This very active club has plans for a Foxhunt, Field Day, and a Hamfest on August 6. Another August get-together will be their Ice Cream Social at President Barry and Ann Garner's lake house, plus they will assist with the Furniture City Classic Soccer tournament on August 27 and 28. Check in on 146.85 to get details, or make a Saturday morning breakfast meeting.

NC STATE NEEDS SHACK SPACE

In a letter to the TEARA Feedline by Gary Pearce, KN4AQ, he says the NC State ARC being booted out of their space at the University. He requests any interested hams, and I suppose especially alumni, to write to the University about the value of Ham Radio.

Gary says the University doesn't supply the

Continued on Page 42

NØCKN
Jerry Pollard
Route 3, Box 400
Timmonsville, SC 29161
U.S.A.
USA-CA 418 10/10 #29837 FM 04

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QSO WITH	CONFIRMING QSO						
	DAY	MONTH	YEAR	UTC	MHZ	RST	2-WAY

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• *250 STATE/SEAL QSL CARDS* •
3½ x 5½" • Semi-Gloss Card Stock • Choose from Blue, Black, Red or Green Ink. Logos **FREE**. Special —250 for $23.95 plus $3.50 shipping and handling (SC residents, please add 5% Sales Tax. Larger quantities also available. Many other styles of cards and paper stock available. Your design or ours—send SASE for additional information. Your check is fine, or we can accept VISA or Mastercard.
Pollard, Route 3, Box 400, Timmonsville, SC 29161 - (803) 346-2412

THE AZALEA COAST AMATEUR RADIO CLUB

Presents

SEAFEST '94

2nd Annual Hamfest

Saturday, June 4, 1994 • 9:00 A.M. until 3:00 P.M.

LOCATION:

TRASK COLISEUM ON THE UNC-WILMINGTON CAMPUS

601 SOUTH COLLEGE ROAD • WILMINGTON, N.C.

TALK - IN 147.180 (+)

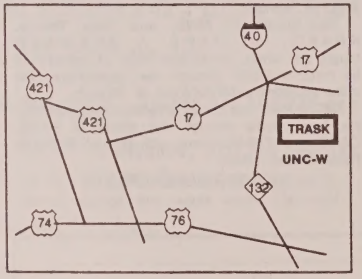
AMATEUR RADIO EXAM REGISTRATION 10:00 A.M. - 10:30 A.M.

MAJOR PRIZES • DRAWINGS EVERY HOUR

TICKETS $5.00 at door • $4.00 in advance • TABLES $6.00 each

FEATURING

- Easy Accessibility
- Air Conditioned Coliseum
- Commercial Dealer Spaces
- Large Flea Market
- Amateur Radio Exams
- Special Interest Programs
- Food and Drink on Premise
- Free Parking Area
- Handicap Access



AREA ATTRACTIONS

- Clean Family Beaches
- U.S.S. North Carolina Battleship
- Fort Fisher Museum & Aquarium
- Historic Downtown
- Horse Drawn Tours
- Railroad Museum
- Riverboat Tours
- Moonlight Cruises
- Affordable Lodging

FOR MORE INFORMATION: Write or Call

A.C.A.R.C.
Post Office Box 4044
Wilmington, N.C. 28406

(910) 350-0322 Rhonda / AC4YY
(910) 799-8693 Buddy / N4CTJ

PREREGISTRATION FORM

(Return Before May 25, 1994 - Please include S.A.S.E.)
Make checks payable to and mail to:
A.C.A.R.C. • Post Office Box 4044 • Wilmington, N.C. 28406

Name _____ [ ] Pre-Registration Tickets $4.00 each ..... $ _____

Call _____ [ ] Tables at $6.00 each ..... $ _____

Address _____ [ ] Chairs at $1.00 each ..... $ _____

State _____ Zip _____ [ ] 120 volt AC at $5.00 each ..... $ _____

Phone (_____) _____ TOTAL ENCLOSED ..... $ _____

AUCTION SALE

SAT., MAY, 21ST - 10AM
2112 GUERRANT SPRINGS RD., RUFFIN, NC

DIRECTIONS: 29 N PAST REIDSVILLE TO MAYFIELD RD EXIT, LFT ON MAYFIELD RD, PAST STRAWBERRY FARM & ACROSS CREEK, LFT ON GUERRANT SPRING RD, APPROX 4 MILES.

ITEMS TO BE SOLD INC.: **TEST EQUIPMENT:** BIRD THRU-LINE WATT METER-MOD. 43, MOD. 4304, MOD.8135, MOD. 8843, HELPER INSTRUMENT-SINADDER, C T SYSTEMS INC. 5100S .4-1000MHZ SERVICE MON & SPECTRUM ANALYZER/W MARKER GEN., CUSHMAN CE6 COMM. MON W\MOD. 317 & HIGH SENS FM/AM/SSB MON MOD. 501 SCOPE, ANALYTIC SYS SPECTRUM ANALYZER .01-1.04 GHZ, AUTOMATED INDUSTRIES 2 TONE AUDIO GENERATOR MOD. 2TSG-1, MOTOROLA-MOD. S-1356 A TESTER-TWO-WAY-RADIO, B & K MOD. 3050 AUDIO GEN., SENCORE MOD. ML129 STEREO GEN., SIMPSON MOD. 464 DIGITAL MULTIMETER, GE MOBILE RADIO TEST SET, MOTOROLA PORT TEST SET, GENERAL RADIOTELEPHONE TEST SET MOD. 615C(SWR BRIDGE), VAC-KIT DESOLDER STA., WELLER SOLDER STA., MOTOROLA WORK BENCH-TEST STA. HOOK-UP, ASTRON US-50M-METERED BENCH POWER SUPPLIES, BECKMAN MOD. 310 DVM. BECKMAN CIRCUITMATE CAPT 6, MICRONTA DVM METER, PHONE LINE TONE GEN., PHONE LINE BUTT SET, LEADER DUAL TRACE 20MHZ OSCILLOSCOPE, FUJITSU EPR-592 A EE PROM PROGRAMMER, UNIDEN MODEL AMX 500C P-ROM WRITER, IBM COMPATIBLE COMPUTER-STAR 2420 COLOR PRINTER, 200 MEGABYTE DRIVE-PROG INTERFACE-BOX MODEM, LOADED W\SOFTWARE INC.: FUJITSU, STANDARD, GE, REGENCY, MOTOROLA, MIDLAND, WORD PERFECT, GRAMATIC, ZETRON AIRTIME ACCT SYS FOR COMM. REPEATERS, LOTUS, NORTON COMMANDER. REGENCY LAND MOBILE RADIO PROGRAMMER-ALL INTERFACE CABLES, 18 DWR & 28 DWR UPRIGHT ROLL AROUND TOOL BOX, 6' STEEL ROLL ABOUT WORK BENCH' W\VICE, 6 FILE CAB W\ MOTOROLA, GE, REGENCY, AEROTRON, UNIDEN, MAXON, STANDARD, MISC SVC MANUALS. **FARM EQUIPMENT:** PTO POST HOLE DIGGERS, FORD 600 ORCHARD TRACTOR, KN OLDER PTO CORN BELT BURR MILL, 3 PT SCOOP PAN, CARRY-ALL & BOX BLADE, 60 GAL ALUM FUEL TANK ON TRAILER W\HAND PUMP, JOHN DEERE WHEAT DRILL, WOODS MOWER RM-59 3 PT HITCH, 150 GAL FUEL TANK W\HAND PUMP & STAND, BOLT BEN (60 BENS), BRYANT GAS HEATER, 25 GAL AIR GREASE GUN 15' HOSE. **MISC:** 500 TWO-WAY RADIO TX & RX TUBES, CLOSE CIRCUIT TV CAMERA & MONITORS, ROHN TOWER PARTS & ANTENNA BRACKETS, PLECTRON & REGENCY SCANNERS & PARTS, NEW GE, MOTOROLA, MOBILE & BASE MICROPHONE & PARTS, MANUALS: AEROTRON, GE, UNIDEN, REGENCY, STANDARD, MAXON, MOTOROLA, PHONE REMOTES-DC & TONE, LRG QTY OF GE, MOTOROLA, UNIDEN, & REGENCY PARTS, HIGH DENSITY TOWER STROBE LITE, 55' ENCLOSED TRAILER, 12X20 LEONARD METAL BLG. MOTOROLA USED WALKIE TALKIES, JOHNSON, RCA TWO-WAYS, METAL FILE, VHF & UHF TWO-WAY RADIOS/LOW BAND & HIGH BAND; UNIDEN, FUJITSU, MOTOROLA, GE, AEROTRON, REGENCY, RCA, STANDARD COMMUNITY REPEATER 100 WATT TONE PANEL WITH COMPUTER AIR TIME BILLING, DUPLEXER INC, SPARE STANDARD 100 WATT PA, UHF SUPER STA. MASTER ANTENNA, 200' 7/8 HARD LINE. **TOOLS:** SM DRILL PRESS, RT ANGLE DRILL, HAND DRILLS, CORDLESS DRILLS & SCREW DRIVERS, AIR-WRENCH & SOCKETS, CHAINS, CHAIN DOGS, COMEALONG, BENCH GRINDERS, HAND GRINDER, LRG QTY HAND TOOLS (CRAFTSMAN & XCELITE) DAYTON METAL SAW, 8" VICE, WOOD PARTS CAB, METAL PARTS CAB, RYO-CUT OFF SAW, CRAFTSMAN ROUTER, CRAFTSMAN 6" JOINER, 4" SHAPER, PORTER BAND METAL SAW. **GUNS:** ITHACA 12 GA AUTO, SPRINGFIELD 410 BOLT ACT, JC HIGGINS 12GA PUMP, BRAZIL 12GA SGL BARREL, HARRINGTON-RICHARDSON 16GA SGL BARREL & RANGER 16GA SGL BARREL SHOT GUN, MARLIN BOLT ACT 22 RIFLE.

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123 KEELING RD., WEST, GREENSBORO, NC
910-299-1186
NCAL #1064 NCFL #5461

NORTH CAROLINA NEWS CONTINUED

Continued from Page 39

radio equipment, just the space for the shack to operate W4ATC. Help is needed to convince the powers that it is a good investment.

TEARA's January meeting featured Section Manager Reed Whitten, AB4W, and a presentation on ARRL ARES. County Representatives present were: Tom Kimala, KM4LB, Wake; Tom Simpson, N4UCO, Wilson; Dave Faircloth, KD4WSC, Franklin; and Jim Criswell, KJ4SW, Johnston.

President Holt Thorton, AC4UD, mentioned two TEARA heros, Gladys, KR4KE, and Randy, AC4ZF, Tallant, who were responsible for catching two persons wanted for robbery and kidnapping.

Local papers didn't mention the ham connection, so I'm waiting for the next issue of the Feedline for further details.

Editor Joe Motola, N8RQR, presents a fine publication, filled with club information and special articles on all aspects of ham radio. Now if only he could get my name correct on his mailing label list!

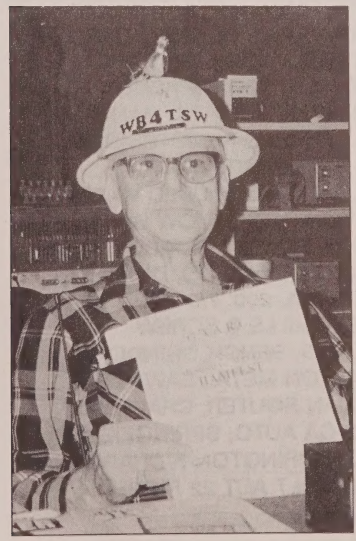
CARY ARC OFFICERS

Secretary Herb Lacy, N4UE, sends the list of the Cary club's 1994 officers. Included are: President Tom Klimala, KM4LB; Vice-president Bob Lukaszewski, KB9MS; Treasureer Will Harper, K4IWW; and secretary Herb.

The club plans are underway for their 22 annual Mid-summer Swapfest on Saturday, July 16.

Herb reports he started ham radio also with a Three call, KN3IQS, but was moved around so much by IBM in 31 years that he has W0CEJ, WA0DMX, WB2LZJ, and K4FBG QSL cards in his background.

I wonder what the record is for different calls? I have too much equipment engraved with K3EJG to even think of changing mine. Besides, I wouldn't know my car in the parking lot at the Raleigh Hamfest!



One of the colorful characters at the Charlotte Hamfest, Bill Shogran, WB4TSW, promoted the coming Gastonia Hamfest with a singing bird on his helmet and a ready handout. *-Photo by Gene Fegely, K3EJG*

NEW SCHOOL HAM CLUB

The Cape Fear ARS News reports the Edgewood Elementary School has formed a Ham Radio club through the efforts of Hutch Hutchinson, NK0S, and Gene Tyree, N4ANV. The two met with about 50 students from the 5th and 6th Grades, and awed them with talks about DXing and some homemade projects.

A two meter hand-held lit their eyes up, reports Gene. The conversations with News editor Margaret Brown, KE4BJE, and several students were the highlight of the day. Next time they plan to install an antenna for a portable HF station and try to work across the country.

The club also will be featured at the Media Convention of the Reid Ross Jr High on April 19, at the request of Mira Parker, KC4VZE. Kelly Kanode, N4EWG, will be the contact for the school project.

Friends Tell Friends about The Repeater Journal

Amateur License Figures

The year of 1993 ended with 631,598 licensed amateurs. This was a 6.5% increase overall for the year. The rank of Technician naturally grew the most, 18.5%.

Here are the breakdown figures:

Extra - 65,277
Advanced - 112,637
General - 126,898
Technician - 227, 681
Novice - 99, 105
Total - 631,598

The first purges from the lists started in January when the first of the 10 year licenses began expiring.

Offload your Workload!

A SCHEDULER feature in your repeater controller uses a clock/calendar to automate jobs that would otherwise be done manually. It works by comparing the actual time and date to a list of programmed *setpoints*, then taking some action when a match occurs.

Other companies may have schedulers, but only S-COM does it all...

- Accommodates 100 setpoints—*far more than the 30 or 60 offered elsewhere.*
- Programmable for recurring events such as "second Monday" or "fourth Friday" of the month. *(Others use 12 setpoints—not one—for a year's worth of monthly events.)*
- Executes up to 10 setpoints falling at the same moment in time. *(Some execute only the first setpoint found.)*
- Supports owner-defined commands—not just factory preset conditions—providing extreme flexibility.
- Offers convenient Daylight Savings Time correction command and *automatic* correction for Leap Year.
- Supports *wild card* parameters to simplify programming.
- Maintains timekeeping during loss of power.

Flexible Uses For The S-COM Scheduler

- Start the net with a tone page each Tuesday at 7:30 PM.
- Turn on the autopatch each day at 6:00AM, and turn it off at 11:00PM.
- Use the ID'er to announce the club breakfast on the first Saturday of each month.
- Have a pager test at 6:00PM on the 15th of every month.
- Extend the timeout timer on weekends, reduce it on weekdays.

The 5K Now Has A Scheduler

$39.95 5K Upgrade

The 5K is $175. Upgrade your old 5K for $39.95 *(Rackmount cabinets available.)*

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KEYword 93

The SERA Repeater Journal

VE/VEC EXAMINATION SCHEDULE

The VEC/VE Exam schedule is published Free as a public service of SERA. Schedules are supplied by individual VEC/VE teams. For quarterly changes, or additions, write the Repeater Journal Editor. SERA cannot assume any responsiblity for erronious or outdated listings other than typographical errors. *4-25-94*

Arkansas

Trumann (WCARS-VEC)
Exams 1st Tues. eve 7:00 PM of each quarter at Cedar Park Ele. School. Jul. 5, Oct. 4. Contact: Al Fisher, NI5A (501 483-6530. Alternate: Fred Jaynes KI5B (501) 483-6602. Talk-in on 145.23.

West Memphis (WCARS-VEC)
Walk-ins 2nd Sat. each month at 9:00 a.m. at the Rosewood United Meth. Ch. Sked: May 14, Jun. 11, Jul. 9, Aug. 13, Sep. 10, Oct. 8, Nov. 12, Dec. 10. Call: Rev. Richard Gregory, AB4CH, (501) 735-4060 / Steven Gatten, KJ5DA, (501) 739-4767.

Georgia

Atlanta (North) (ARRL-VEC)
Walk-ins 4th Sunday monthly, 2:30 p.m. at Church of the Atonement, Highpoint Rd. Call Neil Foster, KC4MJ, 449-3340.

Augusta (ARRL-VEC)
Walk-in exams 2nd Saturday, even months at Fort Gordon, Bldg. 20301 at 9:00 a.m. Sked: Jun. 11, Aug. 13, Oct. 8, Dec. 10. Contact: Ace Norton, NA4I (706) 798-5060.

Augusta (WCARS-VEC)
Walk-in exams on 2nd Saturday Odd months at Daniel Fields Airport Gen. Aviation Office. Code at 10 a.m. Written 11 a.m. Sked: May 14, Jul. 9, Sep. 10, Nov. 12. Contact: Ed Butorajac (404) 798-1918.

Dalton (WCARS-VEC)
Pre-Reg. exams Last Saturday even months at Unity Baptist Church at 3:00 p.m. Sked: Jun. 25, Aug. 27, Oct. 29, Dec. 24. (Dec. date may be changed) Contact Bert L. Coker, N4BZJ, (706) 259-5625 or Harold W. Jones, N4OTC, (706) 673-2291.

DeKalb County (CA-VEC)
Walk-ins 4th Thurs. at 7:00 p.m. at DeKalb Co. Police, E. Precinct, Lithonia. Call Harvey Pearson, WB4PHF, 972-5061.

Lawrenceville (W5YI-VEC)
Walk-in exams 1st Sunday monthly at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Contact Duane Reynolds, WB2YAD, 962-9582.

Lilburn (W5YI-VEC)
Walk-in exams sponsored by the Gwinnett ARS are held on 4th Friday, monthly at 7:00 pm at St. John Neumann Church, 801 Tom Smith Rd. Contact Howie Gould, W4NVF, 921-8362. Headphones!

Marietta (CA-VEC)
Walk-ins each 3rd Saturday of the month at 9:00 am at the Marietta 1st United Meth. Ch., 56 Whitlock Ave., RM 319. Contact Larry Huff, WA4CQZ 955-3171.

Peachtree City (CA-VEC)
Walk-in exams 1st Saturdays at 9:00 a.m. at Peachtree City - City Hall. Take exit 12 off I-85. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell (ARRL-VEC)
Exams 1st Monday of each month at 7:15 p.m. at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain (CA-VEC)
Walk-ins 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, Contact Hal Martin, KI4RD, 469-6430.

Waycross Hamfest (W5YI-VEC)
Special exams for all classes will be held at 9:00 at the hamfest site. Oct. 15. Ask at show for info.

Indiana

New Albany (WCARS-VEC)
Walk-ins 3rd Sat. of even months 10 a.m-2 p.m. at Ind. Univ. South. Sked: Jun. 18, Aug. 20, Oct. 15, Dec. 17. Call Dick Truax, K8GVU, (812) 246-6377 or "Mac" McCrory, NM9A, (812) 944-6661.

Kentucky

Middlesboro (WCARS-VEC)
Walk-ins 2nd Saturdays odd months at Middlesboro Library. May 14, Jun 11*, Jul. 9, Aug. 13*, Sep. 10, Oct. 8*, Nov. 12, Dec. 10* (*May be limited to exams not higher than Technician) Call: Andrew A. Pitt, WB8WEZ, (606) 248-0046 or James Dyke, KZ8A (615) 869-4453.

Mississippi

Gulfport (ARRL-W5YI VEC)
Exams held at Harrison Cty. Courthouse in CD conf. room at 8:00 a.m. Call: Stan Hecker, AA4SP 875-9341,d 875-0222, n.

Ocean Springs (ARRL-W5YI VEC)
Exams at 7:00 p.m. at Ocean Springs Library in meeting room. Pre-reg req, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

North Carolina

Asheboro VE Team
Exams quarterly at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times warranting an exam session. Contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, N.C. 27230. (919) 629-5516.

Asheville (WCARS-VEC) (2 Diff Sessions)
Walk-in exams at 9:00 a.m. Saturdays on Apr. 23, Jul. 23, Oct. 22 at AB Tech, Elm Bldg. Contact Norman G. Harrill N4NH, (704) 253-1192. ALSO exams 2:00 PM Sunday on May 15, Aug. 21, Nov. 20. Contact Lewis Lynn, AC4WI (704) 684-3424 or Don Lovelace, (704) 765-5311.

Charlotte (ARRL-VEC)
Exams quarterly in Feb., May, August & Nov. Call: Rob Rochelle, WA4DAZ 845-3099 or Mary Hunt, KA4EXP 845-9429

Charlotte (Charlotte-VEC)
Monthly walk-in exams at 9:00 a.m. Saturdays at Gaston Cty library, Gastonia. Contact Charlotte VEC, (704) 596-2168.

Durham
Walk-in Exams 2nd Saturday of odd months. For additional info: SASE to AB4VJ, P.O. Box 61971, Durham, NC 27705.

Fayetteville CFARS (ARRL-VEC)
Walk-in exams 2nd Sat. of odd months at Methodist College in Science Bldg. Regis. 9:00 a.m., testing 9:30. Contact CVE Fred New KN4SS at (919) 497-6589.

Greensboro (W5YI-VEC)
Walk-in exams 2nd Tues. of each month, at Fairview Rec. Center on Fairview St., Registration at 7:00 p.m. For info: contact: Diane Morton, AD4BQ (910) 373-1160 or on 224.82 repeater or call Real Talk (910) 299-2525, Prompt 0076.

Hendersonville (W5YI-VEC)
Walk-ins allowed, ctsy of reservation req. for exams Jun. 5, Sep. 11, Dec. 4 at the Blue Ridge CC at 2:00 PM Call: W2YTO (704) 891-4359.

High Point (TEARC-VEC)
Exams occasional basis. Call Jim Williamson, NQ4T at (910) 841-7576 for more details. Sessions available for 5 or more.

Kernersville (TEARC-VEC)
Exams 1st Sat. monthly, 9:00 a.m. at Kernersville Public Library. Call Jim Williamson, NQ4T at (910) 841-7576.

Leicester (WCARS-VEC)
Walk-in exams 2nd Saturdays each quarter. at 9:00 a.m. at Leicester VFD on Hwy. 63, (Asheville). Jun. 11, Sep. 10, Dec. 10. Call: Larry E. York, WB4PLA, (704) 683-1400.

Marion (WCARS-VEC)
Walk-ins 2nd Saturday at 2:00 pm Aug. & Dec. Site to be announced. Call Randy Freeman AC4JS (704) 668-3176.

Moorehead City (CCARS VE)
Pre-register preferred, limited walk-ins, exams 3rd Sat. of odd months at 1st Presby. Church, 9:00 AM. Call: Art Sylvester (919) 726-1205

New Bern (ARRL-VEC)
New Bern ARC sponsors walk-in exams on the 1st Saturday of each month at 9:00 am at the Craven

VE Exam Schedule Continued Next Page

Western Carolina Amateur *Radio Society/VEC, Inc.*

An Amateur Radio Volunteer Examiner Coordinator

WANTED! VE TEAMS!

Now that Novice testing has moved into the VEC program, WCARS/VEC believes we must do our part to become more visible. We are particularly interested in seeing every Amateur Radio Club in America have at least one accredited VE team within its membership.

If you or your club are interested in forming a VE team, WCARS/VEC is ready to help. If you would like to join us, contact any of the WCARS/VEC persons below:

Win Guin W2GLJ
2138 Sonning Dr.
Germantown, Tn. 38138
(901) 754-4552

Ray Adams N4BAQ
5833 Clinton Hwy, Suite 203
Knoxville, Tn. 37912
(615) 688-7771

Norman Harrill, N4NH
7 Skylyn Court
Asheville, NC 28806
(704) 253-1192

John Chism, ND4N
206 Lanewood Drive
Greenville, SC 29607
(803) 297-1617

WE'RE LOOKING FOR A FEW GOOD VE TEAMS!

VE/VEC EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

Community College, Rm C-15. Contact Charlie Gould, KC3SB (919) 633-3178 or Ray Hemphill, KI4SJ, (919) 637-4824.

Raleigh
Exams 1st Wednesday of even months. Pre-register by mail with SASE to AA4MY, 220 Carriage Trail, Raleigh, NC 27614.

Rocky Mount (ARRL-VEC)
Tar River ARC conducts walk-in exams 9:00 a.m. at Rocky Mount Childrens Museum, Sunset Park. Call: Bill Thomas, WF2G, (919) 442-6131. Talk-in 147.12 or 224.22. May 28, Jul. 23, Sep. 24, Nov. 26.

Rutherford County (WCARS-VEC)
Exams at Isothermal Col. in Spindale 3rd Saturday, 1st Month of quarter. Sked: Jul. 16, Oct. 29. Call: A.B. Brackett, KO4BJ, (704) 245-6344 or F. Bruce Tessinear, KD4OJ, (704) 657-5464.

Salisbury (W5YI-VEC)
Exams 2nd Sunday each month, 1:00 p.m. Rowan County Public Library. Call: Isabelle Ledford, AB4UX, (704) 284-2414.

Smithfield (ARRL-VEC)
Triangle East ARA 3rd Sat. monthly. Write TEARA VE, POB 255, Smithfield, NC 27577 or call Peter Hulth, N4SXG, 934-8927 or Dave Hockaday, WB4IUY, 291-8451.

Spruce Pine (WCARS-VEC)
Walk-in Exams at Burnsville Public Library at 9:00 a.m. May 14, Aug. 20, Nov. 12. Contact: David McCarty, KK4PW, (704) 675-9044 or David L. Gillespie, WA4LLR, (704) 675-9942.

Wilmington ACARC (ARRL-VEC)
Walk-in exams 2nd Saturday of even months at UNC-W in Morton Hall. Register 10:00 am, testing 10:30. Call VE Sam Franklin KB4IL (910) 791-0484.

Wilson VE Team
Pre-regis. exams 3rd Sat. May 21, Aug. 20, Nov. 19, at Wilson County Library Conf. room at 9:00 a.m. Call Tommy Evans, NE4J at (919) 291-1738 nights, 237-1898 days.

Yadkinville VE Team
Walk-in exams by Bear Creek ARC 2nd Saturday of each month at the Yadkinville Elementary School on Rt. 601 at 10:00 a.m. Call Steve Hutchens, N4DEY at (919) 961-8741.

South Carolina

Charleston (ARRL & W5YI VEC)
Walk-ins only exams 3rd Saturday each month at 9:00 a.m. at Trident Tech College in N. Chas. Even months are W5YI exams, odd months, ARRL. Contact: Ed Frank, KC4OOZ at 871-4368.

Columbia (WCARS-VEC)
Walk-in exams 3rd Sat. even months, at the Red Cross Bldg., Bull Street and Harden Ext., 8:30 a.m. Sked: Jun. 18, Aug. 20, Oct. 15, Dec. 17. Call Ray Rogers, N4WR, (803) 345-3373.

Greenville (WCARS-VEC)
Walk-in Exams 1st Saturday monthly at The Red Cross Bldg. on Grove Road 8:30 a.m. Sked: Jun. 4, July 2, Aug. 6, Sep. 10, Oct. 1, Nov. 5, Dec. 3. Contact: Sue Chism, ND4N, (803) 297-1617 or Jim Beach, AC4RJ, (803) 244-3797..

Lancaster (W5YI-VEC)
Pre-Regis, or Walkins. 9:30 a.m. USC, Main Bldg. Talk-in: 10-70. Call Grady Robinson, 283-8298.

Spartanburg (WCARS-VEC)
Exams 2nd Tuesday even months 7:00 at Red Cross Bldg. on Garner Road. Sked: Jun. 14, Aug. 16, Oct. 11 Call: Pete Theiler, KI4KN, 585-4919 (n) 578-5566 (d)

Sumter (WCARS-VEC)
Walk-in exams 3rd Saturday 8:30 AM odd months at the Abundant Faith Church on Hwy. 521. Sked: May 14, Jul. 16, Sep. 17, Nov. 19. Call Dan Mask WB5SGH, (803) 775-9106.

Tennessee

Blount County, Maryville (WCARS-VEC)
Walk-in exams 2nd Monday even months at 7:00 P.M. at St. Andrews Church Hall. Sked: Jun. 13, Aug. 9, Oct. 10, Dec. 12. Contact: Carrol Peabody, W4PCA, (615) 982-5839. Talk-in on 146.655.

Bristol, Piney Flats (W5YI-VEC)
Walkin-in exams all classes last Thursday of each month 7:00 pm at Piney Flats Fire Hall. Sked: May 26, Jun. 30, Jul. 28, Aug. 25, Sep. 29, Oct. 27, Nov. 23, Dec.9. Commercial Exams quarterly, day before Amateur Exams. Jul. 27, Oct. 26. For info call Bill Owen, W4VS (615) 968-3350 or Jim Jarvis WD4EKA (615) 764-1941. Special sessions also available as required, as well as facilities and accommodations for the handicapped.

Carter County (WCARS-VEC)
Walkin exams 2nd Friday odd months 7:00 p.m., Carter Cty. Airport Elizabethton. Sked: May 13, Jul. 8, Sep. 9, Nov. 11. Call Joe Hopkins, K4BKI, 543-4022 or Jon Christiansen, AB4NN, 543-7155 or Jon Christiansen, AB4NN, 543-7155.

Chattanooga CARC (ARRL-VEC)
Pre-Regis. exams monthly except July and Nov. at Red Cross bldg. McCallie Ave. at 6:00 p.m.. Contact: Art Parry, WB4BGX (615) 886-4714

Chattanooga (WCARS-VEC)
Walk-in exams first Monday odd months at Walker County (Ga.) Civic Center, Hwy. 27, Rock Springs, Ga. at 7:00 p.m. Sked: Jul. 4??, Sep. 5, Nov. 7. Contact: Alan Painter, WA4QCH, (706) 866-1200 or Dale Harwood, N4VFF, (706) 937.5680.

Columbia (ARRL-VEC)
Walk-ins on 3rd Saturdays of odd months, 9:00 am at the Whitthorne Middle School on the Hampshire Pk. (Hwy 412W). For info, WD4OMP (615) 381-6814. Talkin on 147.12.

Fentress County (WCARS-VEC)
Walk-in exams 3rd Thur, 1st month of qtr, 7:00 p.m. at First Baptist Church of Jamestown. Sked: Jul 21, Oct. 20. Note: Elements administered may be limited to Technician at some sessions. Call: Mike Ledbetter, AB4BX, 879-8626 or Fred Davis, K8DOC 879-9268.

Gallatin (WCARS-VEC)
Exams are sked occasionally at the Red Cross Bldg. at 6:30 p.m. For info call Ronnie L. Gilley, KA4LUG (452-0883 or Jerry Goodchild, K4DZR 824-7699.

Greeneville (WCARS-VEC)
Walk-in exams 4th Saturday odd months at Roby Adult Center on College St. Sked: May 21, Sep. 24, Nov. 26. Contact: Jack Creed, K4EPC, (615) 638-7056.

Henry County (WCARS-VEC)
Walk-ins every 6 weeks at 9:00 a.m. at Henry County HS, Paris. Sked: May 14, Jun. 25, Aug. 6, Sep. 17, Oct. 29, Dec. 10. Call Mackie Gallimore AA4YF, 247-5489 or Les Merrell, KQ4F, 642-5966.

Jasper (WCARS-VEC)
Pre-Reg. req., some walk-in (exams limited), 2nd Sunday at Jasper Public Library 1:00 p.m. Sked: Jun. 12, Jul. 10, Aug. 14, Sep. 11, Oct. 9, Nov. 13, Dec. 11. Call Charles Wooten, KD4XX, 942-5116 or Wallace S. Brown, KD4XV, 942-2836.

Johnson City (WCARS-VEC)
Exams 3rd Saturday even months at 10 a.m. at ETSU, Room 223. Reg. 1/2 hr. prior. Sked: Jun. 18, Aug. 20, Dec. 19. Contact Charles Hensley, AC4QF, 743-5144 or C.V. Jayne, Jr. W4NHT, (retired) (615) 282-5822.

Knoxville (WCARS-VEC)
Pre-Reg. til 9:30 a.m. Code 10 a.m., written 11 a.m. 3rd Saturday of month. Pellissippi State Tech. Room B-129. Sked: May 21, June 4 at Knoxville Hamfest, Jun 18*, Jul. 16*, Aug. 20*, Sep. 17*, Oct. 15*, Nov. 19*, Dec. 17* (*Tentative schedules) Call: Ray Adams, N4BAQ, 688-7771. Alt. Rich Slover, ND4F, 539-4821.

McMinn County (WCARS-VEC)
Walk-in Exams 2nd Monday 8:00 p.m. odd Month, at Athens Municipal Building Council Chambers. Sked: Jul. 11, Sep. 12, Nov. 14. Contact: Evan Ray, WA4PNI (615) 263-9300.

Memphis (WCARS-VEC)
Walk-in exams 3rd and 4th Sat. of month at 9:00 a.m., Central Church on Winchester Road. Sked: May 21 & 28, Jun. 18 & 25, Jul. 16 & 23, Aug. 20 & 27, Sep. 17 & 24, Sep. 17 & 24, Oct. 15 & 22, Nov. 19 & 26, Dec. 17. Contact: Stan Moore AC4CQ 795-5923 or Russ Summers, KD4JUD 755-0539.

Morristown (WCARS-VEC)
Walk-in exams at 7:30 pm last Thurs. of month at Red Cross Bldg. Sked: May 26, Jun 30* Jul. 28, Aug. 25*, Sep. 29, Oct. 27*, Nov. 24, Dec. 29* (*elements may be limited to Technician exam. Contact: John Hall AD4JB (615) 581-4227.

Piney Flats (W5YI-VEC)
Walk-ins last Thursday of every month at 7:00 pm at Piney Flats Fire Department. Contact Bill Owens W4VS (615) 968-3350

Roane County (WCARS-VEC)
Walk-in exams 2nd Sat. even months, Rockwood Library. Sked: Jun. 11, Aug. 13, Oct. 8, Dec. 10. Call Richard Spille, AA4KS, 354-4281, or Bill Smelcer, KA4AAD, 882-9070.

Virginia

Bedford (ARRL-VEC)
Walk-ins 2nd Sunday, 2:00 p.m. at Liberty Lake Park Admin. Building. Info, Call Bob Treacy, W2QZY (703) 297-5351

Danville (W5YI-VEC)
Walk-in Exams last Tuesday of month at Danville Community College, Hill Building. Registration starts at 6:30 p.m. Contact Jim Thomas, KB4XK (919) 234-8938..

Richmond (ARRL & W5YI VEC)
ARRL exams held 2nd Saturday, even months at J. Sargeant Reynolds Comm. College at 9:00 a.m. Sked: June 11, Aug. 13, Oct. 8, Dec. 10th. Contact Rick Cook, AB4U (804) 798-5048. W5YI exams held 2nd Saturday, odd months 9:00 a.m. at McGuire General Hospital. Sked: May 14, Jul. 9, Sep. 10, Nov. 12. Contact Dow Pierce, WA4HMX (804) 232-8128.

Roanoke (WCARS-VEC)
Walkin exams at Hollins College. Sked: Dec. 3 at 9:00 P.M. both walk-ins, also Sept. 24, 9:00 P.M - Pre-Register Only. Special session on May 21, at Roanoke Hamfest. Pre-Register only. Contact Fred L. Horton, KZ4Y, (703) 366-6266. or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022.

Norfolk, Va. Beach, Hampton Roads, Portsmouth, Chesapeake, Williamsburg.
All exams: Walk-ins are ok, but contact person would like to know in advance. Exams marked "Walk-in Only" no advance call is necessary. See individual exams for contact person.

Southeastern Virginia Schedule
Chesapeake DX Assn. (ARRL/VEC). Contact Bill Verebely, KC4YX 424-4764. Sked: Jul. 9.
Gloucester Radio Am. College of Examiners (W5YI/VEC) Contact: Fran Sterling, KD4UEY 693-2117. Sked: May 28, Jul 30, Sep. 24.

Schedule Continues on Next Page

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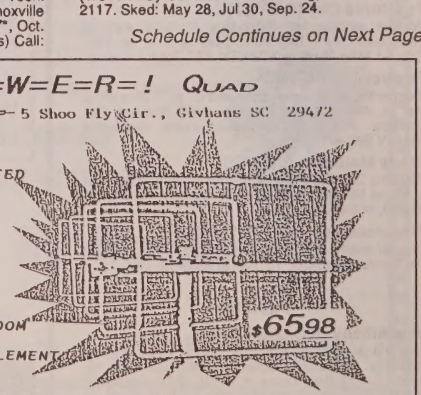

VE/VEC EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

Portsmouth ARC. (ARRL/VEC). Contact Art Thiemens, AA4AT at 484-2857. Sked: Nov. 5.
Southern Peninsula AR Klub (ARRL/VEC) Contact Ed Brummer, W4RTZ 898-8031. Sked: Sep 18 at ARRL Roa. Div. Hamfest Computer Show at Pavilion (Walk-in Only this exam sked only)
Virginia Beach ARC (ARRL/VEC) contact Judy Rogers, KD4JMA 468-9166. Jun 4, Aug. 13, Dec. 3.
Williamsburg ARC (ARRL/VEC) Contact Andrew Swanson, WJ4X at 253-2811. Walk-ins only! Oct. 1.

West Virginia

Beckley (W5YI-VEC)
Walk-ins with completed 610 form accepted at 6:00 p.m., Rm C108 & C109 Mine Safety & Health Admin. Academy near Beckley. The exams are conducted by the Smoke Signal Ridge VE Team, & sponsored by the ARA, Northern Div. Sked: Jul. 16, Sep. 17, Dec. 3. Contact Gary Holt (304) 787-5753, Barbara Marsh (304) 763-3559 or Alex Hedrick (304) 252-9765 or 255-9106.

Bluefield (W5YI-VEC)
Walkin exams 2nd Saturday of each quarter, Feb., May, Aug., Nov. at 9:00 am, Bluefield State College. Contact Don Williams, WA4K (703) 326-3338 or (703) 326-2411.

Charleston (W5YI-VEC)
The Kanawha Valley group gives Novice thru Extra exams, 9:00 a.m. 3rd Sat. of month, at Holy Trinity Catholic Church in Nitro. Walk-ins ok. Talk-in on 40-00 St. Albans repeater.

Huntington, TARA (W5YI-VEC)
Walk-in exams by the Tri-State ARA VE Team at Our Lady of Fatima Church, 545 Norway Ave. Check-in by 9:15 a.m., exams at 10 a.m. Call: Jim Baker, K8KVX, (304) 736-6542.

Nitro (W5YI-VEC)
Walk-in exams (register at site) are held at the Holy Trinity Catholic Church. Registration begins at 9:00 a.m.. Contact: Jimmie Hewlett, WD8MKS, (304) 768-1142.

Parkersburg (W5YI-VEC)
Walk-in exams (register at site) are held 2nd Saturday of the months of Feb., Apr., Jun., Aug., Oct., & Dec. at 10:00 a.m. at the E.O.C. on Staunton Ave., Rt. 47. Also Commercial tests. For info call Dana Pickens, WV8G at (304) 422-1823.

NOTICE TO VEC/VE TEAMS:
The Repeater Journal publishes brief exam schedules quarterly at no charge. You are invited to use this service. Send exam schedules, updates or changes to the Repeater Journal Editor. Deadline for August listings is July 1. See above format.

NOTE TO PROSPECTIVE EXAMINEES:
Many exams are listed as Walk-ins, however it is always a good idea to call the contact person to get full information as to what is expected of you when you arrive at the exam site. Many of these schedules are distributed up to a year in advance. Changes occur. A call ahead can give you assurance that the schedule is still on track. All examiners will require you bring: (1) Your original license. (2) A copy of your license. (3) Any original CSCEs you may have. (4) A Copy of CSCE. (5) Identification, preferably photo I.D. with birth date showing. (6) Checks are usually preferred over cash to pay for the session. In addition, some sessions may require you bring a completed FCC-610 form. For Pre-Registrations, some of the above requirements must be mailed in. Current charges for most exam sessions is around $5.75.

JOIN OR RENEW AS A SERA FULL MEMBER REPEATER

SouthEastern Repeater Association, Inc.

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Please fill out the Full Member Application. Maximum number of letters for your repeater Name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps and receive the Repeater Journal. MAIL YOUR CHECK AND APPLICATION TO: SERA MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050

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REP. #2				
REP. #3				
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USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

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Repeater Journal SERA

WEST VIRGINIA NOTES

-by Ted Wolfe, WD4KHL
Send News To: P.O. Box 133, Cabin Creek, WV 25035

I am writing the first part of this issue's column shortly after taking in the first hamfest of the year in our area. That's the one at Fayetteville, WV. The weather this year was typical for the event held at Fayetteville High School--rather cold (really cold when that wind blew)--but bright, sunshiny skies.

Bill Houser, WB4OKG, and his XYL, Sallie, from Ashville, NC, were my houseguests Friday and Saturday night before the Sunday hamfest on the 27th (of Feb). And Shirley White, KD4HB, brother of my closest friend, Garry (WD8OMB), drove up on Friday to Garry's Hurricane home from Columbia, SC, also to take in the hamfest. They were all at my house on Saturday.

Fayetteville is by no means a big hamfest. But being the first of the new year in our area the event gives all of us who have succumbed to "cabin fever" after being ke; t in by cold weather, winter storms, snow, rain, etc., a chance to get out and stretch our limbs and to socialize after the worst of the winter doldrums have passed.

I spoke with many in passing. Even more spoke to me or sent a greeting in my direction. I can't list all I chatted with but those with whom I had longer discussions with included: Sam, W8NCD; Tiny Walters, N8MFV; Doug Sweeney, N8AJC (who expressed surprise at his photo showing up with my Feb column); Bruce James, KB8KAC; Steve Cobb, KB8KSV; Mingo County Deputy Sheriff Bill Evans, KB8PKR, and his XYL, Lisa, N8MYI; Joe Roberts, KA8IBO; Randy Cowles, WA8IWZ; and others whose names do not spring to mind as I write.

Jobill Campbell, another old friend, won the $250 special prize drawing but was not present to collect. He was visiting his wife at her sister's home in Virginia. His son-in-law, Joe, KA8IBO, told me about Jobill's house burning down recently, which I hadn't known about. I had known Jobill's XYL had been in ill health lately.

Lest I forget I should mention the hamfest was dedicated to the memory of the late "Buzz" Collins, K8CFT. I told John, W8OQC, one of the hamfest officials, to be sure to get someone to assume Buzz' habit of forwarding to me via packet news of the other activities of the Plateau ARC.

And I want to thank all who took the opportunity at the hamfest to join SERA as an Associate Member, or those who renewed their membership through Journal Editor Wayne Williams, K4MOB, at his booth. Those new members or renewals were:

New Members: Ken Markham (no call yet), Robert Morris, N8KUR, and Larry Perdue, KB8PYF. Renewing were: John Larkin, N8XNZ, Frank Walters, N8MFV and Bill Houser, WB4OKG.

John Harmon, N4OKL, and his dad, Leo, WB8DRO, missed the hamfest for they drove to Florida on the Thursday preceeding and expected to be gone about three weeks. They were to repair a roof on a dwelling they own in that state.

* * * * *

The 17th annual TSRAC hamfest in Wheeling on May 21 has its usual array of top prizes for attendees. I don't think I'll be able to make that one this year. I am making tentative plans for the Shelby, NC, hamfest on Labor Day weekend. It is one I have not been to yet and from its listing in the Journal this will be Shelby's 37th so it's about time I got around to it. I heard so much about Shelby when I worked in eastern North Carolina.

For Mountain Staters, don't forget the WV State ARRL Convention and Hamfest at Jackson's Mill on July 2nd and 3rd. Prior to that Bluefield's hamfest is listed for June 18.

* * * * *

Jim Damron, N8TMW, came through with another item for a Journal issue. He wrote to say that he and two other Charleston hams--Kent Carper, KB8NJI, and Kanawha County Deputy Sheriff Jim Mangus, WB8YST--went to take the ARRL VE test at Glenville State College in Glenville on Feb 12. Damron and Carper passed their extra exams. WB8YST passed the written part. A later note from Damron said Mangus completed his extra upgrade by passing the code a week later at another VE test session at Chapmanville.

Damron wrote that Carper was his "Elmer" who rekindled his interest in ham radio after it lay dormant for twenty years. They recently entered into a friendly competition to see who would make it all the way to extra class first. Damron had praise not only for help received from Carper but also Greg Payne, KB8NJH; Colon Stalnaker, N8UPO; and others. He said they expect to become volunteer examiners themselves to help others in the future.

* * * * *

The Kanawha ARC is sponsoring another Crash/Cram course on Sat, May 14, at the Bell Atlantic (formerly C&P) Telephone Company building on MacCorkle Avenue in Charleston, starting at 8:00 a.m. Novice through Extra exams will be given by the W5YI team. Walk-ins will be accepted. Talk-in on the 146.82 repeater.

New 1994 officers for 1994 were installed at a Jan 22nd dinner meeting at the Rose City Cafeteria--after two earlier dates had to be rescheduled due to the weather. Jim Steele, WA8HPD, from the WV Office of Emergency Svcs., was guest speaker.

As his last official act as KARC's outgoing president Hal Turley, KC8FS, presented his daughter, Holly, N8VUQ, with her ARRL DXCC award. The presentation came as a surprise to Holly (She had been asking why it was taking so

Continued on Page 47

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WEST VIRGINIA NOTES CONTINUED

long to get her certificate from the League). Holly was ten years old when she earned her award..

The 1994 officers are: President, Doug Sweeney, N8AJC; VP, Walt Dudley, KF8TC; Secretary, Starla Felix, N8XZO; Treasurer, Bill Hunter, K8BS; and publicity director, Jim Damron, N8TMW.

Perhaps by the time this sees print the club's new 2-meter repeater on 145.350 Mhz will be operational from the city of Charleston's tower site at the Spring Hill Cemetery near the Broad Street exit of I-77 downtown.

The club received a one hundred dollar mini-grant from Rhone-Poulenc Ag Company at Institute to be used for the new repeater.

The KARC's quarterly newsletter "Splatter" has a new Associate Editor. He is Mike Mrvosh, W8LZC, who--according to Editor Hal Turley--was principally responsible for the (Winter - 1994) issue.

Club members were saddened by the recent death of local ham Jim Lingan, AC8K. I, too, saw the obituary in the paper but didn't realize it was "our" Jim because the address info in the obit wasn't the same as I had in my rolldex.

KARC as of March had 118 members.

* * * * *

Gerry Sizemore, WD8SEN, resigned as President of West Virginia Amateur Radio, Inc., in December. He was a founder of the original organization, Putnam ARA, and the primary leader of the PARA/WVAR organization since its inception on May 30, 1980. Danny Danner, K8WOG, presented a service award plaque to Gerry at WVARI's annual Christmas Dinner, which I did not get written up for the February Journal.

Mike Runion, N8ZIW, a new member of the WVAR technical committee has accepted responsibility of maintaining all WVAR power systems, and Tom Hull, KF8WX, who now maintains the 145.41 repeater at Liberty has accepted the additional responsibility of assisting with the programming of the RC-850 controller for the 147.270 Mhz repeater at Coal Mountain. The WVAR as of Feb 1 had a total of 130 full and associate paid members.

* * * * *

The Appalachian Repeater Association has received coordination on two new UHF repeaters. In March construction was almost complete for the repeaters to be located in downtown Beckley and at Pineville. The Beckley repeater will operate as N8FWL on 443.475 from a location at the I-64 and I-77 interchange (in Raleigh County). The Pineville repeater will operate as AA8BS on 444.125 from the Lambert Knob fire tower in Wyoming County.

With the addition of those repeaters the ARA now has 19 repeaters operating on 144, 222, and 440 Mhz, and two fulltime duplex link repeaters which serve West Virginia, and areas of Kentucky, Ohio, Virginia, and parts of Tenessee and North Carolina. Thanks to Alex, N8FWL, for the info. And, Alex, my copy deadlines are the first of January, April, July, and October. When I mail the copy to the editor for the Feb, May, Aug, and Nov issues.

Alex is SERA Vice Director for West Virginia and frequency coordinator for the southern part of the state. He was recently elected to serve as Secretary to SERA. Alex also serves as the Secretary/treasurer of the Appalachian Repeater Association, Ltd. His wife, Lonna, is N8ZZQ, well known in the area for her crafts and folk dolls.

* * * * *

The RACES newsletter out of the Wood County Emergency Services, Parkersburg, WV, published a special issue for February to reprise all the RACES activity by the organization during the major winter snowstorms. I'll only touch on some highlights.

Plans for the Jan 4 RACES meeting/class were to study the mechanics of operating an Emergency Operations Center. Instead, that Tuesday morning began 3 solid weeks of hands-on experience as volunteers experienced 2 severe winter storms and a flood brought on by the melting snow and rain. At one time snow at the EOC piled up to 20-inches.

Indications as early as 5:30 a.m. pointed toward a minor disaster so Steve, N8HHS, went straight to the EOC instead of work and began answering phones by 7:00 a.m. By 7:45 a.m. he had been joined by Duane, N8LDM, one of the Wood County Emergency Services Asst Communications Officers. His wife, Karen, N8KVU, began as net control for a combination Weather/Emergency net. During her operations commercial power failed four times.

Fortunately her station had battery backup. Power also failed at the EOC, so the generator was started. All radios at the EOC are powered from batteries, charged while the radios are in operation, there was no loss of communications.

Just a bit under two weeks after the first snow storm, the EOC was activated again. But this time, because of the experience gained in the previous two weeks, the group was better prepared. The second snow didn't paralyze the operation by taking out the power and phones, but still hampered travel unless you had a four-wheel drive vehicle or chains.

The most serious and immediate emergency was a house fire. The EOC normally doesn't answer the County Fire telephone, but when it is busy at the regular location a call is automatically transferred to the EOC as an "overflow line." That emergency was handled successfully. Among other problems during the first snow storm: Parkersburg Fire and Police lost communications when their repeater went off the air; they couldn't get their backup generators to run; the Wood County Sheriff's Department repeater went off the air after commercial power was lost and the batteries ran down; three RACES repeaters were lost when their batteries went dead--the principal transmitter and four receivers of the RACES repeater remained in operation for almost a week, because of a good set of batteries; two of the DAREN (Digital Amateur Radio Emergency Net) packet nodes went off the air in Jackson and Kanawha Counties; telephone service into and out of Ritchie and Gilmer Counties was lost; the exchange at Rockport, in Wood County, went dead after an extended power loss and the backup batteries went dead.

The second storm caused other problems the first one didn't, but there were few power outages although the temperature was much colder. The flood that followed the two snow storms caused the

Continued on Page 49

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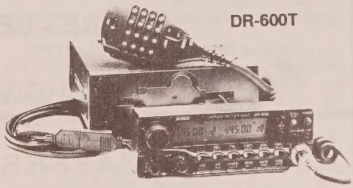

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WE MUST RECEIVE THIS BY MAY 14, 1994

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CITY: _____ STATE: _____ ZIP: _____

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Reserve _____ Commercial Dealer Spaces @ $20.00 each ..... $ _____
(1 - 8 ft. table, includes 2 chairs)

Reserve _____ Each Additional Dealer Table @ $20.00 each ..... $ _____

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WEST VIRGINIA NOTES CONTINUED

breakage of a second Fiber Optic cable which caused the loss of long distance phone service into and out of Wetzel and Tyler counties. Messages for the Red Cross, into and out of Tyler County, were handled over the DAREN net on 145.090 Mhz.

Some of the volunteers recognized in the newsletter who served at the EOC at some period were: Ken, KB8QPW; Roger, KB8QPX; Steve; Bill, N8JXO; Bill, N8KMN; Karen, N8KVU; Aaron, N8NVQ; Alan, N8POB; Connie, N8TWS; Judy, N8UFQ; Leo, WA8BMA; Randy, WB8OHX; plus others cited earlier in the story. In transposing the info from the newsletter I hope I got the calls and names together correctly.

* * * * *

From a recent East River ARC "Current" newsletter from Bluefield there's a note that the Virginia Department of Motor Vehicles is now offering Amateur Radio license tags in the new "scenic" style in addition to the regular Amateur Radio style already in use. And the DMV now permits amateur tags to be issued to family members who are hams and whose names are not shown on the title of the car he/she may drive. Further questions should be directed to your local DMV office in Virginia. The newsletter article suggests if you encounter problems at your local office, then contact Jim Davidson at DMV headquarters in Richmond, Va.

* * * * *

ERARC member John Sidote, N8PRR, who is associated with an AM radio station (WELC) in Welch, provided an article on dxing broadcast stations. He reported that one morning last fall the station turned on its 5KW transmitter for testing after midnight. The scheduled test had been publicized earlier by a DX club member of the International Radio Club of America. The equipment test broadcast lasted 28 minutes, including call letters, city and state identification at times in cw. Sidote said they got 31 signal reports from 17 states and two from Canada. He said from reports they collected they learned that broadcast band dxing started in 1920 when KDKA in Pittsburgh and WBZ in Springfield, Ma, signed on the air.

Mark Williams, KJ4QQ, reports the new packet network on 145.570--the Network 57 or "the User Connection" now has nodes operating in Archdale, NC (ARD57); Bluefield, WV/VA (BLFD57); Boones Mill, Va (PIED57); Burlington, NC (BUY57); Covington, Va (COVA57); Haw River, NC (HR57); Lynchburg, Va (LYH57); Mullens, WV (MULL57); Pittsboro, NC (PTB57); Roanoke, Va (POOR57); with DPK57 scheduled on line soon at Dismal Peak, Va. No followup word yet on another near Beckley to give us in the Kanawha Valley access to that system which does not permit BBS forwarding or serving DX packet clusters.

While trying to work south on the 446.5 frequency recently I encountered a new switch in the BKWUHF routes list. It identified as an experimental node at Mountain Lake, Va, at an elevation of 4368-feet--MTL4:KD4BNQ-9 TheNet X-1J. I am not familiar with that switch so I hope it remains around long enough to check it out.

* * * * *

Calvin Christian, KB8LPP, at Renick, WV, sent me a note covering some of the activities of the Southern West Virginia ARC during the Feb 10-11 ice storm. Garry, WV8D, received a call from the OES that a Red Cross shelter was being set up at Greenbrier East H.S. and they needed someone with a radio to accompany their truck to the West end of the county to get cots and bedding. Bill, KB8NWU, made the trip while Gary WV8D, Herb KF8ZH, Charlie K8DRK, Wayne WB8SPW, Jim WB8DMS, and Calvin stood by on 147.39 repeater--one of few repeaters not taken out by the storm.

On the second day Summers County had lost all long distance phone service and electric power was lost over most of the county. Contact was made with Bob, W8KBM, the Summers County EC and DEC for Zone 9. Information was passed along to the Greenbrier County OES.

New officers were elected at SWVARC's Feb. 19 meeting at the Greenbrier Valley airport. Those to serve until next year are:

Herbert Montgomery, KF8ZH, president; Calvin Christian, KB8LPP, VP; Paul Herr, KD8WY, Secretary/Treasurer; and Charlie Berry, K8DRK, and Norman loudermilk, WA8AVZ, trustees.

The club also presented a plaque to David Bleil, NY8G, in appreciation for his teaching club sponsored novice and tech classes for the past 3 years.

* * * * *

I have previously reported that the Kanawha ARC's newsletter, "Splatter," is now a quarterly. But I just got in the mail a one-page newsbrief published between the regular quarterly issues. The "Chirp," as the newsbrief is called, is intended to provide brief monthly updates and announcements between regular editions of "Splatter." Hey, hold on to that VOL 1, Issue 1 of "Chirp." It may one day be a collector's item.

* * * * *

Randy Cowles, WA8IWZ, of Cross Lanes won recognition at the Charleston hamfest on Mar 27 as the area's Amateur of the Year.

Congratulations, Randy! I wasn't aware of the honor as we talked at the hamfest or I would have offered congratulations at that time.

Shirl White, KD4HB, was back again from Columbia, SC, to attend the Charleston event, held at the Civic Center. We could have used more dealers. There was plenty of room to move around in at the well-attended event.

* * * * *

From the Mar 1994 East River ARC "Current" came word of the passing of James Bueford Hayes, Sr, WB4KUO. Hayes along with WQ8H, Keith Chambers; WH8NK, the late Roy Hawkins, and other ham operators started meeting in the 1950's at the Appalachian Power Company conference room. The East River ARC was formed around 1958 or 1959, according to Chambers. The meetings were then moved to the National Guard building in Bluefield, WV. As of 3 March, 1994, the ERARC membership roster had risen to 159.

The Rooster Net on the 145.490 Mhz repeater in Bluefield began in the spring of 1984 when Bob, WB8NRK, and Paul, W8NST, two early risers enroute to work at that time began chatting each morning. Others soon joined them for the informal net which begins about 5:15 a.m. Among them were Lonnie, N8HCR, and the late Jim, WB4KUO. Jim Perdue, KC8NG, joined them about mid summer of 1985, continuing until a shift change changed his work hours.

Even so, there are always other early risers who join in from time to time, including Andy, WD8OOR; Tom, WW8D; Stan, N8RIE; Benny, N8XXA; and Shane, N8GKU, who became a regular in the spring of last year.

Another reminder-Bluefield Hamfest on June 18.

* * * * *

A packet note from Fred, WA4SWF, at Louisa, Ky., advised me that he noticed the Fort Gay, WV, repeater, N8QCW, on 146.865 was not listed in the Journal. Fred said it is located on the WFGH radio tower. And he said he is working on the ARES program to establish a packet link to the Emergency Operations Center there in Kentucky, and by working with the new state coordinator he hopes to have more info or news to pass along to me for the next issue of the JOURNAL. Maybe somone in Kentucky can pick up the ball and run with it, writing up activities in that state for the JOURNAL. The more the merrier!

And with that, at deadline, I will close--hoping I have not overlooked any info sent to me with news for this issue. I've got to get this to disk and mail it in to the editor here at the first of April to make the May issue. Have a good summer! - Ted

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SERA Quarterly Financial Report

-by Ray Adams, N4BAQ, Treasurer

FINANCIAL REPORT FROM JANUARY 1 TO MARCH 31, 1994

REVENUES		
Advertising		$ 4,216.00
News stand sales		74.00
Members dues		7,763.50
Interest		83.63
		$12,137.13
EXPENSES		
Journal distribution	$ 1,275.46	
Journal production	6,229.73	
Travel and meetings	902.51	
Office expense	375.80	
Postage - other than journal	712.34	
Printing - other than journal	51.53	
Telephone	134.91	9,682.28
REVENUES OVER EXPENSES		$ 2,454.85
Balances, beginning of year:		
Expenses advanced	$ 900.00	
Invested in office machines	2,948.64	
Cash in bank	21,385.42	
	$25,234.06	
Less dues collected, not earned	21,463.50@	3,770.56
EQUITY TO ACCOUNT FOR		$ 6,225.41
Less: Expenses advanced	$ 900.00	
Invested in office machines	4,716.64	
	$ 5,616.64	
Less dues collected, not earned	20,799.50	15,182.86*
CASH IN BANK		$21,408.27

@ = Extraordinary charge on January 1, 1994 to convert accounting for members dues from cash to full accrual basis. Because of this change, prior periods are not comparable.

* = negative amount

Dayton Hamvention Names Award Winners

The Dayton Hamvention Ham of the year is Perry Williams, W1UED. Williams, who just retired, was a long time ARRL Washington Area Coordinator.

Winner of the Technical Achievement Award is Dick Newell, AK1A of Bolton Massachusetts, the inventor of PacketCluster. His "packet conference board system" started in 1986, and sold his first packet software in 1988.

The DARA Special Achievement Award went to Russ Kroeker, N7HGE of Kent, WA. He is credited with "conceiving, planning, implementing and operating" the Evergreen intertie, a system of interlinked repeaters stretching from Oregon to British Columbia and east over the Rocky Mt.

The awards were presented at the Dayton Hamvention. (Tnx ARRL Letter)

FCC Survey Sez Phones Should Do Better

The FCC released the results of a telephone interference survey recently and concluded that since some telephones are "bulletproof", all of them could be. Their conclusion was backed by tests showing phones getting interference with less than 10-watts, filters that worked only part of the time.

The Commission said the manufacturers can design telephones to be interference

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Your Membership and Repeater Journal will Start with the next Quarterly Issue, if Application received prior to: Coming issue deadlines: Jan. 15, Apr. 15, Jul. 15 & Oct. 15.

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RJ-5-94

FROM THE VIEWPOINT OF LADY HAMS

tales from the happy hamettt

-by Cindy Rogers KR4LS
545 Waterbury Dr., Fayetteville, NC 28311

Study, study, toil and calculate. Picofarads, doppler shifts, phase angles, and Zener diodes. The time came, as it may, to us all for your HAPPY HAMETTE to upgrade in order to learn to learn how to be smarter technically. Tell you what, that Advanced Test was a bugger, to put it as delicately as my HAMETTE heart can. My intellect says it must capacitate but my energy

"Resist, resist!". My Radio Romeo says that if one upgrades then it is because one either: #1 can pass a test or #2 is REALLY a REAL HAM. He is such a cheerful sort to have around during study time. See, he is REAL HAM. I don't think I am a "fake" HAMETTE or anything, you understand. My contributions lie not in repairing radios nor in putting up a new Yagi-Quagi-Maybi antenna but, in the techno-comedic discipline of Amateur writing.

You know "The HAPPY HAMETTE Teaches How to Decorate Your Antennas on a Budget for Halloween", "When to Know the Right time to Get Your Ole Man Ham to CLEAN UP HIS SHACK" and "How to Share the Computer for Packet Without HimSelf Having a Hissy Fit" (the latter has been mastered). A LOT of funny things happen on Amateur Radio every day. This is my next favorite thing to do besides talking on the Radio - writing about talking on the radio. Well, anyway, my Radio Romeo says there IS a place for a HAMETTE like me....although I couldn't quite hear the next few things he said. Well, weeee KNOW WHO is wifely, HAMETTELY, AND RESPECTFULLY quiet during the NAVMAR-CORPS MARS nets, all the trader's nets, the HF and 2 M nets, and the net NETS. Humph. Men. Male MEN. MALE MEN HAMS. Tellin' ME WHAT! Humph. But, what can you do? They are sooo cute. They know everything and/or we let them think they know everything. Especially my Radio Romeo. Well, he really does know everything. My hero.

Anyway, studying for another test is HARD. ("Oh, Lord, pretty-extra-please just touch my mind with knowledge just long enough to pass THIS test, pleeeaasse.") I know that I KNOW that I KNOW IT. But, how do I let THEM know that I REALLY, REALLY know IT? Do the VEs think that I am smart or do they know that I am, in truth, a brainless wonder? Should I come clean BEFORE the test and plead innate, abstract, and unremittent stupidity? Maybe a little batting of the eyelashes? Groveling? No, my VEs are pretty FCC/W5YI/take-none-of-my-silliness men. (Really fine HAMs). Do THEY remember being scared with pencils, knees, and fingers all in knots? Do you have to pass it the first time or be there all day taking it over and over and over again? What happens to the fallen testee? Made into a pot pie for a VE snack? Hung up by his or her antennas for all to point and giggle at? Or put beside the 2 year old who passed the Extra Code on the first try? Is this really a hobby? Why am I doing this? If this is a hobby am I having fun now? What in the HOTEL ECHO LIMA LIMA is a phase-angle resonator linear amplifier if it resists a signal emission at the rate of 56.9934 ppm with a Q if 6.8 on a tunnel diode of 3.92300 Mhz End of the math problems. End of test. End of heartbreak. End of transmission. End of the end. PPpppfffttt...pft....

From what is left of Cindy's brain, KR4LS (ex- KD4EVS I did it! I passed! Me. Ole Me. I R 2 Smert 4 U!)

Now, one more test to go. Oh,no,no,no. Can I do it? Yeeeessss! The crowd yells! The Radio crackles! The antennas wave the ARRL flag! Whoooosh! And she's off. The Flying Mouth! KR4LS. And Cindy wins the Olympic Gold Medal in Phase-Angle Shifting competition! Passing a Radio test makes you feel on top of the world. But, whatever license you hold, you are the best in my HAPPY HAMETTE heart. And all in SERALAND are the very finest. After all, it is what you are in your HAM and HAMETTE heart that makes you an excellent Codeless TECH or a ding-dong Advanced. The Radio tests are a challenge that can be mastered with good old-fashioned hard work. And YOU can do it, too. Do you want to REALLY talk on the Radio? Really enjoy all of it's wonders? Digitize and bang brass all over the world? HAMs and HAMETTES, just get that book and your favorite keyer and Just have a bunch of fun. Be sweet and play pretty.

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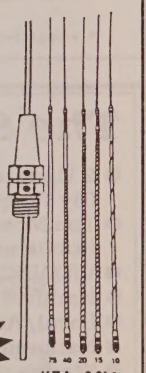

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Memphis MARA Is Active, Innovative Club

-by Russ Summers, KD4JUD

The Mid-South ARA is the oldest club in the Memphis area and is founded on cornerstones of service and training. One of the principal services provided to the Mid-South is the annual Memphis Hamfest. This event draws several thousand amateurs from the region and has grown in attendance every year. This year it will be held on October 8 & 9 in the Shelby County Showplace Arena.

Another service provided by MARA is the 434.00/421.25 MHz ATV repeater, the only such device in the Mid-South. This repeater should be on the air by mid-1994 and promises to be a unique medium for fostering amateur experimentation, fellowship, and community service. A club 2-meter repeater is also planned for 1994.

Since the FCC instituted the Volunteer Examiner program, MARA has been at the forefront of sponsoring VE teams. VE exams are held every 3rd and 4th Saturday of the month at Central Church at 9:00 AM. Walk-ins are welcome.

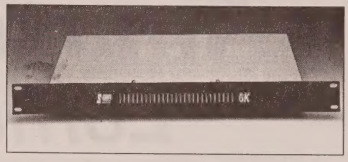
The Mid-South ARA meets the first Tuesday night of every month at the Shelby County Health Care Center at 7:00 PM.

S-COM Announces Upgrade for 6K Repeater Controller

S-COM Industries is now shipping a powerful software upgrade with all 6K Repeater Controllers, which includes these features:

- **A 100-setpoint Scheduler** to execute tasks at programmed times and dates. Uses include changing the repeater's access mode based on day and night; generating special identifier messages for holidays or special events; announcing nets; charging batteries; weekly pager tests; and so on. Setpoints include specific times and dates, such as midnight, December 31st, or recurring events, such as 9:00 AM on first Saturday of each month.
- **An Antikerchunk feature** with programmable delay and re-arm timers to reduce nusiance key-ups.
- **DTMF Decoder improvements** including Long Tone detection for all digits. This is compatible with the ARRL Long Tone Zero (LiTZ) program. DTMF Priority and DTMF Scanning are programmable.
- **Repeater Monitoring and Talkout** from the phone line was added.
- **Macro Expansion** was accomplished to allow 280 macros of 100 characters each.
- **Run-Time Variables** allow CW time and date stamping to be added to any programmable message.

The 6K Repeater Controller with Autopatch is priced at $395. Older 6K controllers may be upgraded with a 6K V2.0 Kit for $49.95 plus $3.00 for shipping and handling.



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INFORMATION	F.C.C. EXAM
S.A.S.E. to: Bluefield Hamfest Rt. 5, Box 457 Bluefield, WV 24701 (304) 325-3022	Bluefield State College Basic Science Building, First Floor, 9:00 AM Copy of License Completed 610 Form Walk-Ins Accepted

ADMISSION	TABLES $5.00 each	TALK-IN	PRIZES
$5.00 at door $4.00 (Senior Citizens) Children under 12 free	Ladies Crafts Welcome Inside Flea Market & Tailgating if Desired	145.49 (B.R. 549)	Hourly

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Lomer L McMahan Memorial Hamfest

National Guard Armory, High Point, NC

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AUGUST 6, 1994

Saturday 8:00 am — 3:00 pm

Talk in: 147.765/.165

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Prizes: First, Second

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Walk in basis at the Armory / Call for more info

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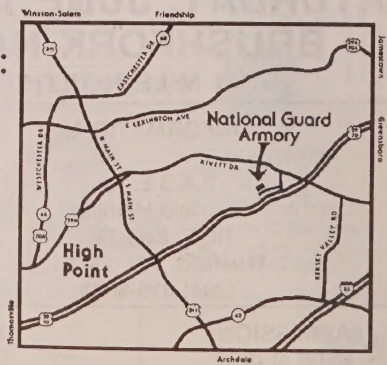

SERA Repeater Journal
Hamfest Calendar

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MAY 1994

14-15 ..... Hamfest, BIRMINGHAM, AL
14-15 ..... Hamfest, TOCCOA, HARTWELL, GA
15 ..... TSRAC Hamfest, Computer Fair, WHEELING, WV
21 ..... 33rd RVARC - Mayfest '94, (Salem Civic Cen) ROANOKE, VA
21-22 ..... La. State ARRL Conv./Hamfest, BATON ROUGE, LA
22 ..... Antietam RA Great Hagerstown Hamfest, HAGERSTOWN, MD
22 ..... 20/9 ARC Hamfest, CANFIELD, OH
28 ..... 20th Annual Dur-Ham-Fest, DURHAM, NC
29 ..... 2nd Annual Hamfest, GASTONIA, NC
29 ..... MD. FM Assn. Hamfest, (Howard Cty Fairgrnds), W. FRIENDSHIP, MD

JUNE 1994

4 ..... Azalea Coast ARC 2nd Annual Seafest '94, WILMINGTON, NC
4 ..... Amateur Radio & Computer Fair, KNOXVILLE, TN
5 ..... Ole Virginia Hams - Hamfest, MANASSAS, VA
10-12 ..... ARRL National Convention, Hamfest, ARLINGTON, TX
11 ..... Athens RC Hamnic, ATHENS, GA
11 ..... Hamfest, WINSTON-SALEM, NC
18 ..... Tn. State ARRL Conv - Nashville ARCs 1st Annual Hamfest, NASHVILLE, TN
18 ..... Hamfest & Computer Fair, BLUEFIELD, WV
17-18 (Fri eve-Sat) ..... ARRL State Conv/SE Digital Conf/Hamfest/Computer Fair, ALBANY, GA

JULY 1994

2-3 ..... West Va.State ARRL Conv/Hamfest, JACKSONS MILL, WV
9 ..... NC Chapter TSRAC "Firecracker" Hamfest, SALISBURY, NC
10 ..... BRATS Hamfest and Computer Fest, TIMONIUM, MD
16 ..... Mid-Summer Swapfest, CARY, NC
23-24 ..... Southeastern A.R., Convention (formerly Atlanta Hamfest), ATLANTA, GA
30 ..... WCARS Asheville Hamfest, Haywood Cty. Fairgrnds, ASHEVILLE, NC

AUGUST 1994

6 (Note New Date) ..... Central Ga. Nat'l Hamfest, PERRY, GA
6 ..... 6th Annual High Point RC Hamfest, HIGH POINT, NC
6-7 ..... 21st Annual Hamfest, JACKSONVILLE, FL
7 ..... 44th Annual Winchester Hamfest, BERRYVILLE, VA
7 ..... Southern Patuxent, UPPER MARLBORO, MD
13 ..... Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
14 ..... Charlotte ARC 2nd Queen City Hamfest/ComputerFair, CHARLOTTE, NC
20* ..... Hamfest, SPRUCE PINE, NC
20-21* ..... ARK-LA-TEX Hamfest, SHREVEPORT, LA
20-21 ..... Hamfest, HUNTSVILLE, AL
21* ..... Hamfest, MARYSVILLE, OH
21 ..... GCARA Hamfest, CINCINNATI, OH
21* ..... St. Charles ARC Hamfest '94, ST. CHARLES, MO
27* ..... Confederate Signal Corps Hamfest, MADISON, GA
28 ..... Short Mt. Rep Club Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER 1994

3-4 ..... 37th Annual Hamfest, SHELBY, NC
10 ..... Statesboro ARS Hamfest, STATESBORO, GA
10-11* ..... Hamfest, MELBOURNE, FL
11* ..... Foundation AR Hamfest, GAITHERSBURG, MD
17 ..... Ascension ARC Haamfest, GONZALES LA
17* ..... Tailgate Swapfest, RUSTON, LA
17-18 ..... ARRL Roa. Div. Conv/Hamfest/Computer Show, VIRGINIA BEACH, VA
24* ..... Lanierland ARC Hamfest, GAINSVILLE, GA
24 ..... (**FORMERLY IN DANVILLE**) South Boston Fallfest, SOUTH BOSTON, VA
24* ..... Hamfest, ANNISTON, AL
24* ..... TARA, Hamfest, HUNTINGTON, WV
24* ..... Hamfest, CLEVELAND, OH
24 ..... Hamfest, NEW PORT RICHEY, FL
24-25* ..... Hamfest, LOUISVILLE, KY
25* ..... Falls Lake ARC 3rd Annual Swapfest, BUTNER, NC

OCTOBER 1994

1* ..... Hamfest, TITUSVILLE, FL
1* ..... Hamfest, BOAZ, AL
1* ..... Hamfest, MT. HOME, AR
1 ..... Sumner Cty ARA Hamfest, GALLATIN, TN
1* ..... 43rd Annual Hamfest & Computer Fair, ROCK HILL, SC
2* ..... Hamfest, ROME, GA
7-8* (Fri eve-Sat) ..... 41st Annual Hamfest/Computer Show, AUGUSTA, GA
8-9 ..... Tennessee State ARRL Conv/"Memfest '94" Hamfest, MEMPHIS, TN
8-9* ..... 14th Ham Com-Vention, HOUSTON, TX
8-9* ..... Miss. Coast ARA 18th Annual Ham/Swapfest, BILOXI, MS
9* ..... Hamfest, MAYSVILLE, NC
15 ..... Hamfest, STARK, FL
15* ..... 3rd Black Warrier Swapfest, TUSCALOOSA, AL
15* ..... Tri-Cities Hamfest, GRAY, TN
15* ..... CCARS Fall Festival and Hamfest, SANFORD, NC
16* ..... Central Louisiana Hamfest, ALEXANDRIA, LA
16* ..... CARA 18th Annual Hamfest (Columbia, MD) HOWARD CTY FAIRGROUNDS, MD
22* ..... Hamfest, WAYCROSS, GA
22* ..... Hamfest, SUMTER, SC
22-23 ..... Hamfest, CHATTANOOGA, TN
22-23* ..... Palm Beach RA Hamfest, W. PALM BEACH, FL
23* ..... Mason-Dixon Hamfest, WESTMINSTER, MD
29 ..... Swapfest '94, FOREST CITY/RUTHERFORDTON, NC
29* ..... Southern Ky. AR Group 3rd Annual Franklin Fest, FRANKLIN, KY
29 ..... Computer Show and Hamfest, MOBILE, AL

NOVEMBER 1994

5-6* ..... Ham Radio/Comp. Expo '94, LAWRENCEVILLE, GA
5-6* ..... Hamfest, FT. LAUDERDALE, FL
6* ..... Hamfest, CONCORD, NC
12* ..... Hamfest & Computer Expo, MYRTLE BEACH, SC
12* ..... TVARN Hamfest, COOKVILLE, TN
12* ..... Twin City Hams Hamfest, WEST MONROE, LA
12* ..... 17th Annual Hamfest, MONTGOMERY, AL
12-13* ..... Indiana State ARRL Conv, Hamfest, FT. WAYNE, IN
19-20* ..... Suncoast Conv. '94 TAMPA, FL
20 ..... 6th Annual JARSFEST, BENSON, NC
27* ..... Hamfest, NEW ORLEANS, LA

DECEMBER, 1994

3 ..... Hamfest, GREENSBORO, NC
3* ..... Wiregrass ARC Hamfest, DOTHAN, AL
3* ..... Hamfest, OKEECHOBEE, FL
4* ..... HolidayFest '94, LARGO, MD

JANUARY 1995 (Confirmed Listings)

21 ..... 15th Citrus County Hamfest/Computer Show, CRYSTAL RIVER, FL
28 ..... TVARN Hamfest, GALLATIN, TN
29 ..... Hamfest, STUART, FL

FEBRUARY 1995 (Confirmed Listings)

4-5 ..... JARC Hamfest, JACKSON, MS
11 ..... Hamfest, CHARLESTON, SC
11 ..... Hamfest, PENSACOLA, FL
17-19 ..... N.Fl. Sec. ARRL Conv/Hamcation, ORLANDO, FL

MARCH 1995 (Confirmed Listings)

10-12 ..... Hamfest, LAFAYETTE, LA
11-12 ..... Hamfest/Computer Show, CHARLOTTE, NC
12 ..... Hamfest, CIRCLEVILLE, OH
12 ..... Hamfest, CONNEAUT, OH

APRIL 1995 (Confirmed Listings)

28-30 ..... 44th Hamvention, (Hara Conf. & Exhib. Cen.), DAYTON, OH

Please note: Hamfest dates marked with an asterisk(*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the ***Repeater Journal*** Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from: *Kay Johnson, KB4HHX, Secretary SEDAR (South Eastern Dealers of Amateur Radio).* our ARRL Directors, and the response of many clubs and individuals sponsoring hamfests.

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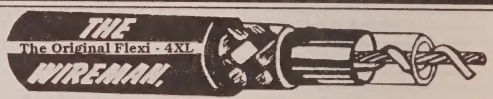

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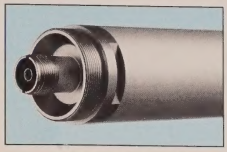

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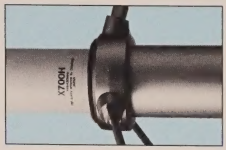

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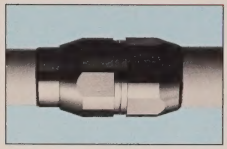

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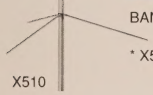
X-50A	144/440	4.5/7.2	200	UHF	5.6	135
X-200A	144/440	6.0/8.0	200	UHF	8.3	112
X-300A	144/440	6.5/9.0	200	UHF	10.2	112
X-510NA	144/440	8.3/11.7	200	N	17.2	90
X-510MA	144/440	8.3/11.7	200	UHF	17.0	90
X-500HNA	144/440	8.3/11.7	200	N	17.8	90+
X-700HA	144/440	9.3/13.0	200	UHF	24.0	90
X-2200A	144/222	6.0/7.8	150	UHF	11.5	112
X-3200A	144/222/440	6.0/7.8/8:0	100/200	N	10.5	112
X-6000A	144/440/1240	6.5/9.0/10.0	100/100/60	N	10.5	112

BAND: 144=144 - 148MHz. 222=222 - 225MHz. 420=420 - 430MHz.
430=430 - 440MHz. 440=440 - 450MHz. 1240=1240 - 1300MHz.
* X510NJ :144 - 147 / 430 -440MHz

147MHz

445MHz

RADIATION PATTERNS FOR X-500HNA/X-500MA/X-510NA



X510

GH/F/U&V series

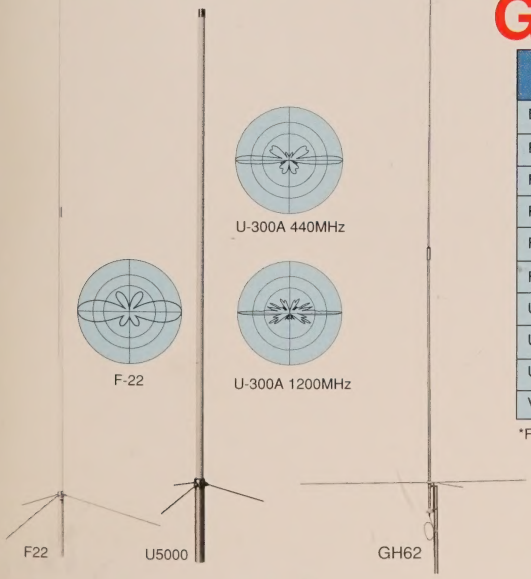
MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CON N.	HT. Ft.	RATED WIND/ MPH
DP-GH62	50	6.0	200	UHF	21.0	78
F-22A	144	6.7	200	UHF	10.5	112
F-23A	144	7.8	200	UHF	15.0	90
F-142A	222	5.5	200	UHF	6.0	110
F-718A*	440	11.5	250	N	15.0	110
F-1230A	1240	13.5	100	N	10.5	90
U-200A	440/1240	8.3/11.7	100	N	5.9	135
U-300A	440/1240	8.6/13.2	100	N	8.3	110
U-5000A	144/440/1240	4.5/8.3/11.7	100	N	5.9	135
V-2000A	50/144/440	2.1/6.2/8.4	150	UHF	8.3	110

*F-718A:440 - 450MHz, F-718J:430 - 440MHz, F-718L:420 - 430MHz

U-300A 440MHz

F-22

U-300A 1200MHz



F22 U5000 GH62

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There are three Output power selections, and other features such as Dual Band Receive, ABX (Automatic Band Exchange), DSQ, Private Paging, Autopatch, memories, Full Duplex Operation, and Six Scanning Modes are included.

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Specification and feature are subject to change without notice or obligation.

CIRCLE 84 ON READER SERVICE CARD